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D H I A
SIRE SUMMARY LIST
September 1967

AYRSHIRE, GUERNSEY, HOLSTEIN, JERSEY, BROWN SWISS,
MILKING SHORTHORN, AND RED DANE SIREs

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CURRENT SERIAL RECORDS

Agricultural Research Service
U. S. Department of Agriculture

The sire evaluations summarized in this publication are appraisals based on information about the production performance of progeny obtained by USDA's Agricultural Research Service from Dairy Herd Improvement Associations (DHIA) that are affiliated with the National Cooperative Dairy Herd Improvement Program. This program is described in detail in U.S. Department of Agriculture Handbook No. 278, "National Cooperative Dairy Herd Improvement Program Handbook," copies of which can be obtained from the Office of Information, U.S. Department of Agriculture, Washington, D. C. 20250.

The DHIA Sire Summary List is revised and updated as improved techniques are developed to furnish its members with more accurate evaluations of sires of DHIA cows.

DHIA SIRE SUMMARY LIST

SEPTEMBER 1967

INTRODUCTION

This DHIA Sire Summary List contains information for 142 Ayrshire, 1,362 Guernsey, 2,394 Holstein, 779 Jersey, 240 Brown Swiss, 66 Milking Shorthorn, and 7 Red Dane sires and their daughters. Summaries were compiled from data received by the Animal Husbandry Research Division, ARS, to August 31, 1967.

A sire summary record is compiled for a sire when enough of his daughters have lactation data and herdmate records reported. Sires in the following categories are summarized in this publication: (1) Those for whom sufficient information was available for the first time, (2) those reported to be active in artificial insemination on January 1, 1967 or later, (3) those for whom enough additional information was available to warrant a resummary, and (4) those for whom special requests for summaries were received.

All production records used in DHIA sire summaries consist of lactation records of 305 days or less that have been standardized to a mature-equivalent (M.E.), twice-a-day milking basis. The age factors used in standardizing these records were stratified by geographical region of the United States and by season. (See Dairy Herd Improvement Letter, February 1967.) Separate adjustment factors were used for milk and milk fat. When more than one lactation is available for a cow, all records for both the daughter and her herdmates are averaged and used to represent her performance.

Incomplete records that are reported as having been terminated because the cow aborted, was culled for low production, or was sold for nondairy purposes were projected to a 305-day basis by factors that allow for breed, age, milk, and

milk fat and were used in compiling sire summaries. (See Dairy Herd Improvement Letter, August 1965.) Records that were deleted and not used in compiling summaries were (1) those coded as complete but less than 180 days in length, (2) those coded as incomplete but less than 15 days in length, (3) those estimated for two or more consecutive test periods, and (4) those initiated by abortion. However, incomplete records may not be included for cows that calved before 1959.

Currently reported lactation records were accepted into master files and used in the sire summaries only if the interval from calving date to production run date (August 31, 1967) exceeded 364 days. A lapse-time interval has been tested and shown to be effective in reducing the high incidence of incomplete records in early sire summaries. Records of cows calving after this date were set aside and will be re-entered in the next appropriate sire summary.

COMPILATION OF SIRE SUMMARY

The herdmate, or contemporary, comparison is useful because it removes from the evaluation of a sire's breeding value complications arising from herd, year, and season-of-calving variations in production. Herd-year-seasons are based on a 5-month moving average. The appropriate herdmate average for the daughter of the sire is obtained by averaging all records of daughters of other sires calving in the herd in the same month as the daughters, in the previous 2 months, and in the succeeding 2 months (i.e., the same herd-year-season). For example, the herdmate average for a sire's daughter that calved in March is obtained by averaging the production of all cows, except her paternal sisters, that calved in that herd from January through May. All comparisons included in these summaries are on a within-breed basis.

Because the usefulness of the herdmate average is dependent in part on the number of herdmates available, the herdmates' production is adjusted to place the herdmate data of the daughters on a more comparable basis. For each individual lactation of a sire's daughter, the herdmates' average

is adjusted as follows:

$$AHMA = \text{Reg -brd-yr-sea. avg.} + \frac{NHM}{NHM + 1} (\text{HM avg. minus Reg -brd-yr-sea. avg.})$$

where: AHMA = Adjusted herdmate average

Reg -brd-yr-sea. avg. = Regional breed-year-season average

NHM = Number of herdmates

HM = Herdmate average

The regional breed-year-season averages are calculated from the 2X, 305-day, M.E. DHIA records of cows calving from January 1, 1950, to May 1, 1965. Three regional groupings are used for Ayrshire and Brown Swiss, four for Guernsey and Jersey, and 14 for Holstein. The averages for Milking Shorthorn, Red Dane, and Red Poll are based on all cows calving in the United States for the year-season in question. The primary cause of differences in the number of regions used for each breed was the number of available lactations. The States comprising each region are shown in table 1, of the Appendix.

The measure of breeding merit used in these summaries is the Predicted Difference. This value is the expected deviation of a bull's progeny from their herdmates in breed average herds. The Predicted Difference (PD) is computed as follows:

$$PD = \frac{Nh^2}{4 + (N-1)h^2 + 4 \frac{\sum n_i(n_i-1)}{N}} \frac{[(Dau. Avg.-AHMA) + 0.1(AHMA - Breed Avg.)]}{C^2}$$

Adjust- ment for number of daughters	Adjust- ment for distribu- tion of daughters over herds	Environ- mental correlation	Adjustment for herd environment and number of herdmates	Adjustment for herd genetic level
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where: N = Total number of progeny of the bull

n_i = Number of progeny in the i^{th} herd

h^2 = Heritability of milk yield from paternal half-sib estimates in nationwide populations

C^2 = Residual environmental correlations among half-sibs in the same herd after they are expressed as deviations from herdmates

AHMA = Adjusted herdmate average; Daus.= daughters; and Avg. = average.

The value w_j will be substituted for N when some daughters have more than one record,

where: $w_j = \frac{n_j R}{R [1 + (n_j - 1) R]} = 1.00 \text{ for one record; } 1.33 \text{ for two records; } 1.50 \text{ for three records; etc.}$

R = Repeatability of individual records
= 0.50

n_j = Number of records on the j^{th} cow

The breed average is compiled from all DHIA cows of the respective breed that calved in 1963 and 1964. These averages are shown in the following tabulation:

<u>Breed</u>	<u>Milk</u> ^{1/} <u>Lb.</u>	<u>Fat</u> ^{1/} <u>Lb.</u>	<u>Breed</u>	<u>Milk</u> ^{1/} <u>Lb.</u>	<u>Fat</u> ^{1/} <u>Lb.</u>
Ayrshire-----	10,546	426	Brown Swiss-----	11,689	477
Guernsey-----	9,153	436	Milking Shorthorn-	9,204	345
Holstein-----	13,357	487	Red Dane-----	11,397	454
Jersey-----	8,414	429	Red Poll-----	7,904	316

1/ 2X, 305-day, mature equivalent.

The precision with which a Predicted Difference will predict the true breeding merit of an individual bull, relative to other bulls of that breed, depends on many factors. The major variables that affect precision are:

- (1) Number of daughters in the summary
- (2) Number of herds in which the daughters are located
- (3) How the daughters are distributed through these herds.
- (4) Number of lactations per daughter in the summary

The accuracy of predicting a bull's true breeding merit increases as additional daughters and herds are added. The more uniform the progeny are distributed through the herds represented, the more repeatable the summary becomes. Ability to measure the true daughter deviation in breed average herds increases as the number of lactations per daughter increases.

The measure of precision in the Predicted Difference used in this publication is the Repeatability of the sire summaries, which is computed as follows:

$$\text{Repeatability of a sire summary} = \frac{N h^2}{4 + (N - 1) h^2 + 4 \frac{\sum n_i (n_i - 1)}{N} c^2}$$

where: N = Number of daughters in the summary. The value of w_j , as explained previously, is substituted for N when some daughters have more than one lactation.

h^2 = 0.19 and is the heritability of milk production as developed from nationwide samples of records.

$\frac{\sum n_i (n_i - 1)}{N}$ = The adjustment for distribution of daughters through the herds represented in the sire summary.

n_i = Number of daughters in each herd. If a bull had nine daughters in herd 1, and six daughters in herd 2,
 $\sum n_i (n_i - 1) = 9(8) + 6(5)$.

c^2 = 0.14 and is the relationship among half-sisters calving in the same herds because of common environment and certain genetic factors not accounted for by differences among bulls.

A low Repeatability value or confidence factor, indicates that the true breeding merit of the bull involved may be appreciably different from the Predicted Difference shown for that bull in the same sire summary.

The parameters used in computing the reliability of sire summaries are based on the best research information presently available. The value of h^2 , 0.19, is the same as used by USDA in the past in the equation for adjusting summaries on AI bulls, $\frac{N}{N + 20}$. The value of c^2 , 0.14, is based on USDA research with nationwide samples of data.

It has long been known that the accuracy of projecting a lactation record is proportional to the number of days in milk.

This principle was used to adjust incomplete lactations in this DHIA Sire Summary List. The procedure is as follows:

$$\text{Adj. Dau. rec.} = \text{AHMA} + r_i (\text{Proj. Dau. rec. minus AHMA})$$

where: r_i = The phenotypic correlation between a record with i months in milk and a 305-day record.

Adj. Dau. rec. = Adjusted daughter record

Proj. Dau. rec. = Projected daughter record (2X, 305-day, M.E.)

AHMA = Adjusted herdmate average

The correlations were stratified by age, as follows:

	Months in Milk									
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
2-yr-old cows	.72	.83	.88	.92	.94	.96	.97	.98	.99	1.00
Older cows	.60	.74	.82	.86	.91	.93	.96	.98	.99	1.00

Thus, for example, a 2-year-old cow with a record of from 15 to 46 days in milk would receive only 72 percent as much weight as one that had completed a lactation. A record of 120 days or more (4 months in milk) is given practically the same weight as a complete record.

INTERPRETATION OF SIRE SUMMARY

The contemporary herdmate comparisons used in the USDA-DHIA Sire Summaries are especially effective in reducing environmental influences arising from herd, year, and season of calving. The primary purpose of the summaries is the use of Predicted Differences to evaluate bulls on the basis of estimated breeding value or transmitting ability for milk and butterfat yield.

Sire evaluations are based on the most reliable statistical methods available, but their usefulness for ranking bulls may be seriously limited when the Repeatability value, or "confidence factor," is less than 50 percent. When the Repeatability value is less than 50 percent the summary needs to be supplemented with additional information from the herd(s) in which the sire's daughters made their records.

Situations that are likely to cause sire summaries to represent inaccurately the true transmitting ability of the sire are (1) daughters receiving feed and management that are different from their herdmates, (2) daughters of only one or a few bulls represented among herdmates, and (3) none or few herdmates of the same age as the daughters of the bull in question.

The greater the Repeatability value, or "confidence factor," of a summary the greater the probability that the Predicted Difference reflects the true transmitting ability of the bull for milk and fat yields.

The choice between two bulls with similar Predicted Differences involves less gamble when the bull with the higher Repeatability value is selected. However, caution should be used in predicting a bull's potential based on a single or a few matings, regardless of the Repeatability value.

Additional tabular information that supports the Summary is in the Appendix at the end of the publication.

When a bull is in an AI stud, the DHIA Sire Summary List shows sire's AI stud No., or the last organization that owned the summarized sire. The list of AI organizations that have operated in the United States in recent years is shown in Appendix table 2, which has been compiled from reports received by ARS, Animal Husbandry Research Division. Some organizations listed in table 2 may no longer exist but are referred to because the sires they owned are summarized. An asterisk (*) preceding the name of an AI organization indicates that the organization has been reported as being active. The AI State and organization codes together make up the sire's stud identification number. State codes are shown in table 3.

EXAMPLE SIRE SUMMARY DATA 1/

REGISTRATION DATA			DAUGHTERS					DAUGHTER AVERAGES				HERDMATE AVERAGES			REPEAT - ABILITY	PREDICTED DIFFERENCE	
A	B	C	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	
1303198	VIGO ROBURKE ELVIS	*	11	57	1.47	42	3.1	15,516	3.63	563	48	15,311	558	70%	+282	+9	

- A** Registration number

B Registration name

C Indicates that 51 percent or more of progeny in the summary were registered

D Bull's birth date

E Registration no. of sire of bull

F Registration no. of dam of bull

G Date of previous summary

H AI stud in which bull is located

I Number of states in which progeny are located

J The states (up to 5) having the highest number of daughters

K Percent of daughters sold for beef or died in first lactation (blank if first lactation not available on 50 percent or more of progeny.)

L Number of daughters having herdmates

M Number of records

N Number of herds in which daughters are located

O Effective distribution of daughters per herd

P Daughters milk, lb.

Q Daughters percent fat (M.E.)

R Daughters fat, lb.

S Average number of herdmates per daughter

T Herdmates milk, lb.

U Herdmates fat, lb.

V Repeatability of this summary to future summaries

W Milk

X Fat

1/ Pedigree information (sire, dam, and birth date) may not be available the first time a bull is summarized. If a bull is in an AI stud, the stud code is shown. A list of State and stud codes is shown on page

REGISTRATION			INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			HEROMATE NO	ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY	PREO OIFF MILK FAT	
NUMBER	NAME	OF BULL		NO	REC / OAU			MILK	%	FAT		MILK	FAT		MILK	FAT
72557 08-19-42	SHARON VIEW EMERALD-S FAN FARE*	61764 166321 2-33,35		10	3.10	4	5.2	8,825	3.83	338	7	8,861	342	30%	-59	-3
76396 09-15-43	JUNE-S HAPPY HENRY.....*	57766 201360 1-35		5	3.40	3	2.2	8,174	3.69	302	5	8,161	317	23%	-50	-5
81719 06-08-45	AMANOA HIRAM-S AS-SUN.....*	48748 229213 2-35,42		10	3.50	4	4.2	9,045	3.91	354	9	9,463	368	32%	-168	-5
84430 04-01-46	CAPTAIN HENRY.....*	76396 262897 1-35	0	13	4.38	2	11.1	9,887	3.90	386	10	9,388	356	28%	+106	+6
92166 03-01-47	GARTLOCH CONFIOENCE, IMP.....*	92160 366664 4-57,64,72,74		8	2.63	4	2.7	6,387	3.87	247	3	7,256	279	30%	-360	-13
96147 08-13-48	GREAT VIEW AMBASSADOR, IMP....	96054 374381 1-35		5	1.60	1	5.0	6,992	3.52	246	5	7,086	267	16%	-69	-5
97587 01-01-49 STUO 48-01	MEOFORO TIMIO HICKEY.....*	55440 338833 8-48,51,63,71,73	15	136	2.34	47	6.3	10,561	4.17	440	10	10,219	410	83%	+257	+24
98531	.....*	0-00		5	1.40	1	5.0	9,881	3.75	371	7	9,397	362	15%	+56	0
107841 04-14-52 STUO 41-01	VISTA GRANOE PEDRO.....*	91586 385958 3-41,42,45	14	27	1.93	12	3.4	9,871	3.84	379	8	9,844	390	55%	-23	-7
108317	.....*	0-00		7	1.29	2	4.1	10,585	4.03	427	11	9,723	382	21%	+162	+8
108735 08-28-52	DOUGLAS WARRIOR KING.....*	74223 387659 1-21		6	3.00	1	6.0	8,530	4.01	342	6	9,246	363	20%	-167	-4
109427 03-26-53	LAMB-S TRIUMPHANT KINGFISH 2NO*	106237 412638 1-35	0	18	2.94	2	10.0	8,909	4.01	357	11	9,156	362	34%	-130	-3
110061 03-08-53	ATWOOD ORCHARD-S RANGER.....*	74535 383088 1-21		6	3.17	4	1.6	10,498	3.77	396	8	10,438	408	28%	+14	-3
110180 05-10-53	WINOROW STORMY CRAIG 2NO.....*	84158 238808 1-35	4	30	3.33	2	16.0	8,872	3.90	346	11	9,228	360	40%	-192	-7
110361 04-27-53	BAY MEADOWS KING OF HEARTS.....*	97968 403901 2-35,92		29	2.10	2	14.6	9,065	3.87	351	22	9,004	345	37%	-33	0
110432 05-17-53 STUO 41-01	WOODHULL HARMONY PRINCE.....*	77392 249276 5-35,41,42,46,65	2	48	2.13	22	4.7	10,418	4.01	418	11	10,493	417	66%	-52	0
110939 11-01-53	LAMB-S TRIUMPHANT KINGFISH 3RO*	106237 417277 1-35		14	2.93	1	14.0	9,897	3.60	356	7	9,995	384	25%	-38	-7
111098 10-11-53	SWANKY SURPRISE.....*	96526 364146 1-35		7	4.29	1	7.0	10,301	3.71	382	6	9,734	365	22%	+106	+2
111407 08-17-53 STUO 41-01	LONG LANE STYLISH CAPITAN.....*	95892 329034 2-41,42		18	1.06	11	2.1	9,564	3.89	372	7	9,956	383	44%	-197	-6
111426	.....*	0-00		9	1.22	3	4.5	8,590	3.68	316	19	11,434	421	24%	-663	-24
112443 07-21-53 STUO 23-09	JON-ELL COLONEL-S FASHION.....*	96189 421789 6-23,31,50,51,54	13	166	1.40	42	7.6	10,877	4.15	451	14	10,982	441	83%	-50	+9
113986 11-30-54 STUO 23-11	REIOINA COR-S BRIGHT STAR.....*	107810 408729 10-14,23,33,34,41	9	62	1.63	20	13.7	11,924	4.21	502	39	11,680	482	56%	+199	+14
114180 05-03-55	LIPPITT BASIL.....*	91883 369507 5-11,12,14,15,16	9	16	1.38	9	3.2	11,102	4.19	465	17	11,576	465	40%	-148	+2
114520 07-02-55 STUO 23-11	CLOVER CREST MARTHA-S KING.....*	110751 270876 7-21,23,41,50,63	12	157	2.25	60	7.7	10,795	3.85	416	23	10,264	414	84%	+420	+1
114618 10-10-54	BRISKLEA ROYAL SCOTT.....*	107038 313245 3-15,16,21		5	2.00	4	1.4	10,982	3.72	409	29	10,573	419	22%	+91	-1
115373 09-08-55	PINEY AYR HI.....*	106574 411890 2-12,35		5	2.80	2	3.4	10,185	3.89	396	9	10,295	400	20%	-26	0
115834 12-04-55	WINOROW PENSY JIM.....*	91586 414260 1-35	9	18	2.28	1	18.0	8,736	3.98	348	7	9,085	352	25%	-124	-2
116069 03-14-56	LAUREL HILL PRINCE CHARMING...*	92422 490887 1-41		5	1.60	1	5.0	11,224	3.95	443	1	10,743	417	16%	+79	+4
116092 03-02-56	DESERT CREST-S HONEST FLAKIE...*	111294 405131 2-21,91	7	25	2.36	5	11.8	13,200	3.86	510	10	12,688	497	39%	+280	+8

REGISTRATION					DAUGHTERS	NO	EFF	DAUGHTER			ADJUSTED		REPEATABILITY		PRED		
NUMBER	NAME	OF	BULL	INC	NO	REC / OAU	OF HEROS	OAU / HERO	MILK	AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
116628	AYR-LINE FASHION FLASH.....*	10			66	1.18	44	2.2	12,263	3.99	489	16	11,089	440	75%	+915	+38
07-09-56	106285		484554	5-67													
STUD 12-03	STATES		13-12,13,14,15,48														
116706	WINOROW 8INGO.....*	7			35	1.74	18	5.2	13,277	4.15	551	15	12,162	506	56%	+715	+30
03-06-56	88074		336926	6-67													
STUD 33-03	STATES		10-23,31,34,35,57														
116767	GLENGARRY LLOYD ROYAL.....*	10			308	1.26	111	6.7	12,188	3.75	457	16	11,688	456	90%	+552	+4
11-09-55	116364		524632	6-67													
STUD 35-75	STATES		27-21,23,33,42,48														
117064	PRAIRIE BLUE DARK 80Y.....*	14			142	1.42	62	5.0	11,370	3.97	451	12	10,743	427	83%	+537	+20
01-29-55	94934		478769	6-67													
STUD 61-02	STATES		14-31,33,42,48,84														
117277	.....*				9	1.00	2	7.2	10,093	3.73	376	3	9,576	368	19%	+80	0
			0-00														
	STATES		2-61,65														
117528	WINOROW PREF. 8RUNO.....*	10			46	1.61	23	6.0	10,590	4.04	428	11	10,723	423	60%	-69	+3
09-25-56	113342		492909	6-67													
STUD 31-01	STATES		6-31,33,35,42,48														
117839	GREENRANGE HIT PARADE.....*	33			30	1.90	11	7.6	10,881	4.10	446	22	11,076	450	47%	-66	0
10-19-56	78249		466917	6-67													
STUD 23-09	STATES		3-13,23,50														
117912	MACKAYR MAJESTIC.....*				29	2.00	7	17.0	12,791	3.78	483	9	12,043	471	36%	+321	+6
10-02-56	103949		282829	6-67													
STUD 33-03	STATES		5-23,31,33,41,93														
118040	CRAIGFOOT PACIFIER.....*				12	1.25	3	4.1	8,688	3.92	341	19	9,285	366	31%	-222	-9
01-21-57	76381		438377	5-67													
	STATES		1-21														
118200	RED RANCH SIR ROBERT.....*				12	1.00	1	12.0	9,901	3.75	371	10	9,333	344	19%	+83	+3
01-25-57	91883		374994	5-67													
	STATES		1-15														
118398	.....*				5	1.20	4	1.4	9,880	4.01	396	13	11,665	461	20%	-335	-11
			0-00														
	STATES		1-91														
118463	CAREFREE BIG BOSS.....*	10			11	2.18	1	11.0	10,598	4.10	435	15	11,000	436	23%	-79	0
07-17-57	114854		456092	5-67													
	STATES		1-35														
118681	MEREIOITH PREFERRED.....*	14			131	1.66	75	2.9	10,938	3.77	412	13	10,399	410	86%	+450	0
03-14-57	79374		413239	6-67													
STUD 33-03	STATES		25-14,21,23,31,42														
118691	.....*	0			7	1.43	4	2.7	13,416	3.84	515	16	12,785	505	24%	+203	+4
			0-00														
	STATES		3-31,35,65														
118823	GLENOOWAN ROYAL MILITANT.....*				13	1.08	2	7.4	10,852	3.93	426	5	11,016	440	26%	-29	-2
11-29-54	118822		570522	5-67													
	STATES		1-91														
118919	MACKAYR SUPER STEPHEN.....*	14			26	1.65	5	10.3	11,631	4.03	469	4	11,337	450	39%	+147	+8
07-06-57	103949		442351	6-67													
STUD 63-01	STATES		2-33,63														
118947	.....*				6	1.00	2	3.0	11,295	3.70	418	18	12,450	474	19%	-180	-9
			0-00														
	STATES		1-91														
118996	.....*				7	1.00	1	7.0	11,751	3.90	458	12	11,269	432	16%	+86	+4
			0-00														
	STATES		1-42														
119103	.....*				6	1.50	2	4.3	7,598	4.21	320	11	9,508	386	19%	-382	-12
			0-00														
	STATES		2-35,46														
119160	SELWOOD WALNUT-S VICTORY IMP..*	18			109	1.41	30	13.1	11,475	4.02	461	15	11,944	476	69%	-225	-6
09-12-56	117225		574330	6-67													
STUD 51-02	STATES		8-23,31,51,52,54														
119367	.....*				6	1.00	3	3.0	9,222	3.65	337	5	9,407	360	19%	-55	-5
			0-00														
	STATES		2-61,65														
119494	WOODHULL MOORE ACE.....*	11			29	1.34	5	17.3	11,109	4.01	446	13	11,061	443	32%	+32	+1
12-12-57	106285		359836	5-67													
	STATES		2-48,73														
119554	THE COUNT OF TOLL GATE.....*	0			43	1.86	12	12.0	12,665	3.91	495	27	11,463	451	50%	+649	+23
08-06-57	115588		269615	6-67													
STUD 35-75	STATES		6-14,16,21,23,32														
119628	.....*				5	1.40	4	1.4	8,442	4.16	351	8	9,210	378	21%	-185	-6
			0-00														
	STATES		3-23,51,54														
119673	SELWOOD GRETA-S 80Y, IMP.....*	10			13	1.85	11	1.3	10,144	3.84	390	8	10,258	401	43%	-61	-5
07-30-57	119936		579546	6-67													
STUD 41-01	STATES		2-41,46														
120090	LARK LAWN 8EKKER.....*	20			11	1.55	2	7.7	10,124	4.09	414	11	10,275	405	25%	-43	+2
01-02-58	113361		316290	5-67													
	STATES		1-48														
120135	OAK RIDGE LIGHTNING.....*	8			22	1.73	1	22.0	15,327	3.85	590	47	13,131	489	25%	+606	+27
03-12-58	115077		377485	6-67													
STUD 33-03	STATES		1-93														
120184	EOENBANK STANDARD BEARER 19TH.*	7			21	1.67	8	6.6	11,539	4.00	462	9	11,762	476	40%	-40	-3
12-06-57	104525		583580	5-67													
STUD 91-01	STATES		1-91														
120302	AYRKOTA RARE DANNIE.....*				19	1.32	2	12.6	8,846	3.89	344	7	8,554	330	28%	+26	+1
11-24-57	113229		433607	5-67													
	STATES		1-41														

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12

REGISTRATION						DAUGHTERS		NO	EFF	DAUGHTER			ADJUSTED		REPEATABILITY		PRED
NUMBER	NAME	DF	BULL	INC %	ND	REC / DAU	OF HERDS	OAU / HERD	MILK	AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	DF SIRE SUMMARY	DIFF MILK	FAT
120471	.....*			0-00	5	2.00	3	2.2	12,163	3.51	427	9	10,358	388	21%	+379	+7
	STATES	2-33,42															
120527	.....*			0-00	5	1.60	3	2.2	11,565	4.06	469	8	11,033	431	20%	+118	+8
	STATES	2-42,73															
120694	.....*			0-00	9	1.00	2	7.2	10,901	3.66	399	11	11,756	461	19%	-138	-10
	STATES	2-33,42															
120812	.....*			0-00	8	1.38	2	6.2	9,468	4.01	380	6	10,372	417	20%	-180	-6
	STATES	2-23,52															
121126	.....*			0-00	5	1.00	2	3.4	9,128	3.82	349	11	9,376	360	16%	-56	-2
	STATES	1-33															
121166 WAWAYANOA ND8LE HERMAN.....*	63			5-67	12	1.00	5	2.8	9,393	3.67	345	15	10,327	386	32%	-306	-13
09-08-58	114432	349065															
	STATES	2-21,42															
121182 MELDDY ACRES NASHUA.....*	0			5-67	8	1.13	6	1.7	8,643	4.12	356	5	10,106	394	27%	-412	-10
04-C4-59	104344	538155															
	STATES	4-46,51,63,65															
121440	.....*			0-00	5	1.60	4	1.4	11,254	3.89	438	9	11,238	417	21%	+18	+4
	STATES	2-41,42															
121502 ELMSTONE SAINT PATRICK.....	0			5-67	6	2.33	1	6.0	10,178	4.14	421	2	11,420	492	19%	-214	-11
03-17-59	103230	436105															
	STATES	1-23															
121738 AYR-LINE FASHION GARY.....*	26			6-67	27	1.48	14	3.1	10,662	3.88	414	12	10,462	415	54%	+104	0
05-01-59	106285	449853															
STUD 48-01	STATES	1-48															
121867	.....			0-00	5	1.20	2	3.4	8,027	3.77	303	5	8,983	352	16%	-181	-8
	STATES	1-35															
121918 VERNON-S RDY.....*	30			5-67	10	1.40	1	10.0	12,506	3.69	461	17	11,328	430	19%	+242	+6
08-31-59	119998	543961															
	STATES	1-31															
121970	.....*			0-00	5	1.20	1	5.0	9,439	3.51	331	24	8,444	318	14%	+112	0
	STATES	1-74															
122242	.....*			0-00	6	1.00	3	3.0	14,895	4.18	623	38	14,008	565	19%	+232	+14
	STATES	2-14,23															
122280 TALLCORN NIFTY BLOND.....*	8			5-67	17	1.12	4	8.1	10,046	4.08	410	5	9,652	382	30%	+92	+7</

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HERO	MATE	AVERAGES	OF SIRE SUMMARY		
123504 06-28-60	MACKAYR ROYAL 116767 STATES	FLASH.....* 537364 2-42,65	17	13	1.23	4	4.8	11,141	3.68	410	12	11,889	475	31%	-189	-18
123506 11-06-60	MACKAYR ROYAL 116767 STATES	ROCKET.....* 534843 1-42	17	10	1.20	2	8.2	13,058	3.65	476	9	12,091	453	21%	+230	+5
123512	.....*	0-00	5	1.00	1	5.0	8,058	3.83	309	5	8,630	342	14%	-103	-5	
123535	.....*	0-00	60	5	1.00	3	2.2	11,908	3.88	462	21	9,888	403	18%	+342	+10
123538 09-25-60	WOODHULL MODEL 106285 STATES	SUN.....* 466677 1-48	19	23	1.30	1	23.0	9,844	3.68	362	6	9,817	365	23%	-10	-1
123547	.....*	0-00	0	5	1.00	1	5.0	8,056	4.08	329	12	8,232	336	14%	-54	-1
123579	.....*	0-00	5	1.20	1	5.0	10,580	4.09	433	18	10,820	415	14%	-29	+2	
123604	.....*	0-00	20	6	1.17	1	6.0	8,812	3.74	330	27	9,720	378	15%	-152	-7
123644	.....*	0-00	17	7	1.29	2	4.1	11,996	3.73	448	8	12,135	462	21%	+4	-1
123781 01-01-61	WINOROW SHAMROCK.....* 116706 STATES	513281 6-67 1-31	21	14	1.21	2	9.2	11,748	4.09	481	11	12,009	471	25%	-28	+4
123786	.....*	0-00	14	9	1.11	1	9.0	13,236	4.01	531	20	12,913	514	18%	+99	+5
123862	.....*	0-00	0	5	1.20	1	5.0	10,187	3.75	382	2	9,326	352	14%	+106	+3
123866	.....*	0-00	0	5	1.20	2	2.6	10,242	4.38	449	6	10,969	452	18%	-120	0
123889 11-11-60	BURJEAN-S EMPEROR CHARLAMAGNE.* 106285 STATES	566725 6-67 2-41,42	14	9	1.33	2	7.2	13,047	3.82	499	12	11,312	450	21%	+375	+11
123936 08-01-60	OAK RIDGE ROYAL COUNT.....* 94065 STATES	496832 6-67 6-31,50,51,52,54	14	31	1.13	16	2.8	11,057	3.99	441	14	10,780	433	56%	+168	+5
123976	.....*	0-00	14	8	1.13	1	8.0	12,339	3.86	476	15	12,115	474	17%	+65	+1
123980	.....*	0-00	0	6	1.00	2	4.3	11,675	3.97	463	23	11,255	450	17%	+82	+3
123992	.....*	0-00	25	8	1.13	1	8.0	8,786	3.95	347	11	9,954	376	17%	-208	-5
124022 12-31-60	ELK-AYR W.F. 94065 STATES	FORTUNE TELLER...* 547740 1-52	0	5	2.00	1	5.0	10,039	4.14	416	13	11,822	487	17%	-285	-10
124129	.....*	0-00	0	5	1.00	2	3.4	11,610	4.01	465	21	12,130	483	16%	-55	-1
124185 02-18-60	SPOTTEO-AYRE 114378 STATES	REO R1880N.....* 530394 1-34	0	9	1.56	1	9.0	11,755	4.01	471	21	11,254	424	20%	+112	+9
124186 04-15-60	SPOTTEO-AYRE 110107 STATES	ROYAL.....* 501472 1-34	14	15	1.47	1	15.0	11,858	3.70	439	23	11,537	443	22%	+92	0
124187 11-08-60	SPOTTEO-AYRE 124184 STATES	FRED.....* 619142 1-34	33	13	1.00	1	13.0	11,078	3.51	389	24	11,268	437	19%	-21	-8
124303	.....*	0-00	0	6	1.17	5	1.3	8,585	3.88	333	9	8,891	344	23%	-108	-3
124415	.....*	0-00	0	7	1.43	2	3.5	11,009	3.80	418	12	10,793	395	23%	+54	+4
124524	.....*	0-00	29	7	1.00	1	7.0	10,851	3.68	399	5	11,741	438	16%	-119	-5
124528	.....*	0-00	5	1.40	1	5.0	10,292	4.10	422	23	11,287	442	15%	-138	-2	
124530	.....*	0-00	5	1.20	1	5.0	11,767	4.05	476	25	11,176	436	14%	+94	+6	
124536 02-21-60	LAWN GABENARROW.....* 106285 STATES	499325 11-65 2-47,48	14	10	1.00	4	5.2	10,514	3.91	411	10	10,880	419	24%	-77	-1

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PREO	
NUMBER	N A M E	O F	S U L L	INC %	N O	R E C / OAU	H E R O S	O A U / H E R O	M I L K	%	FAT	H E R O M A T E N O	A V E R A G E S M I L K	FAT	O F S I R E S U M M A R Y	M I L K	O I F F F A T		
124561	.....*	0	5	1.00	1	5.0	8,430	4.13	348	23	9,216	377	14%	-124	-4			
	STATES	1-42	0-00																
124591	.....*	0	7	1.14	1	7.0	9,540	3.73	356	17	9,749	377	16%	-46	-3			
	STATES	1-31	0-00																
124606	AYRKOTA COMMANDER-S TONY.....*	0	8	1.25	3	3.2	10,284	4.06	418	8	9,844	395	25%	+91	+5				
11-01-59	117936	570119	1-67																
	STATES	2-41,46																	
124639	VA. STRATHGLASS LIVELY IVAN...*	11	9	1.22	5	3.2	9,605	4.00	384	14	10,060	394	27%	-133	-3				
07-30-60	96570	475980	5-67																
STU0 52-01	STATES	2-21,52																	
124818	.....*	0	5	1.20	2	3.4	9,097	4.02	366	20	9,703	380	16%	-112	-2			
	STATES	1-23	0-00																
124919	.....*	13	8	1.00	2	6.2	12,484	3.56	444	12	11,454	439	18%	+206	+1			
	STATES	2-32,55	0-00																
124954	.....*	0	7	1.00	1	7.0	10,893	3.98	433	17	10,253	425	16%	+95	+1			
	STATES	1-48	0-00																
125013	.....*	0	10	1.00	2	5.2	9,835	3.72	366	15	8,645	333	24%	+236	+6			
	STATES	1-33	0-00																
125032	.....*	0	9	1.00	1	9.0	14,093	3.63	511	8	11,612	449	17%	+442	+11			
	STATES	1-42	0-00																
125082	.....*	9	11	1.09	1	11.0	9,680	3.56	345	25	11,192	417	19%	-268	-13			
	STATES	1-74	0-00																
125222	.....*	0	6	1.00	1	6.0	12,287	3.65	449	33	11,940	452	15%	+72	0			
	STATES	1-48	0-00																
125224	.....*	17	6	1.00	1	6.0	14,790	3.62	536	42	13,482	494	15%	+235	+7			
STU0 33-03	STATES	1-93	0-00																
125225	.....*	0	8	1.00	2	6.2	10,534	3.82	402	12	11,088	413	18%	-91	-1			
	STATES	2-42,65	0-00																
125251	.....*	0	7	1.29	2	5.2	10,018	4.03	404	7	9,628	377	19%	+57	+4			
	STATES	2-41,46	0-00																
125293	.....*	33	6	1.00	1	6.0	8,080	4.06	328	16	10,147	404	15%	-309	-10			
	STATES	1-42	0-00																
125357	.....*	0	7	1.29	1	7.0	7,194	3.49	251	6	9,697	352	17%	-436	-17			
	STATES	1-33	0-00																
125361	LOCHRIDGE SUPREME.....*	15	16	1.81	1	16.0	7,796	3.84	299	19	7,650	308	23%	-33	-4				
09-09-58	119297	575886	5-67																
	STATES	1-91																	
125445	.....*	17	7	1.00	1	7.0	10,430	3.95	412	38	10,920	422	16%	-70	-1			
	STATES	1-42	0-00																
125631	.....*	0	5	1.80	1	5.0	7,753	3.83	297	28	7,772	309	17%	-48	-3			
	STATES	1-91	0-00																
125713	CARNELL BOWMONT.....*	8	13	1.00	3	8.0	10,588	4.18	443	19	13,298	533	24%	-588	-18				
02-03-61	107623	482388	5-67																
	STATES	3-14,21,65																	
125976	.....*	17	6	1.00	1	6.0	11,167	3.99	446	20	8,930	350	15%	+305	+13			
	STATES	1-48	0-00																
126186	.....*	20	5	1.00	1	5.0	12,154	3.62	440	6	12,286	457	14%	+6	-1			
	STATES	1-31	0-00																
127268	RIDGE RANCH WHEEL-S BURTON....*	15	13	1.00	3	8.0	11,073	3.96	439	9	10,722	407	24%	+89	+7				
04-30-61	94065	599323	6-67																
	STATES	1-42																	
127688	.....*		6	1.50	3	3.0	12,826	3.85	494	48	14,501	576	21%	-270	-13			
	STATES	1-14	0-00																
010343635	LAKESIDE OCTAVE.....		5	1.00	1	5.0	10,874	3.70	402	2	9,868	378	14%	+128	+3				
01-11-49	010319670	258674	5-67																
	STATES	1-13																	
34WAJ6395	.....		6	1.17	1	6.0	9,263	4.15	384	6	9,490	386	15%	-50	0			
	STATES	1-34	0-00																

REGISTRATION						DAUGHTERS			EFF			DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL	INC %	ND	REC / DAU	DF HERDS	HERD	MILK	%	FAT	HEROMATE NO	AVERAGES MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	DIFF FAT			
250676	FOREMOST RDM.....*				11	2.45	4	3.9	7,526	4.49	338	10	7,830	369	34%	-148	-12			
01-24-37	185651		249170	5-67																
STUD 35-02	STATES		1-35																	
252524	SHERWOOD FOREST KAMA.....				15	2.67	12	1.5	7,589	4.64	352	6	8,193	381	48%	-338	-16			
06-07-37	212058		354790	5-67																
STUD 35-75	STATES		2-33,35																	
256119	RANCHD TRDJAN.....*				5	3.80	5	1.0	7,369	4.82	355	5	7,519	352	27%	-83	0			
05-25-37	188917		132009	0-00																
STUD 35-05	STATES		3-35,41,42																	
256590	WEY ACRES DDNALD-S AUBERT.....*				5	2.60	1	5.0	7,499	4.88	366	7	7,984	381	18%	-107	-3			
D4-11-37	209349		349664	0-00																
	STATES		1-35																	
257582	CORDNATION CONCENTRATE.....				46	2.48	38	1.3	7,552	4.78	361	6	7,951	370	75%	-387	-11			
09-14-37	238549		217437	5-67																
STUD 41-17	STATES		4-33,35,41,45																	
260741	MASTERFUL-S JOHN OF HILLSIDE..*				23	2.48	19	1.4	8,362	4.80	401	5	8,037	384	59%	+126	+7			
04-23-38	207765		394960	5-67																
STUD 35-75	STATES		4-23,32,33,35																	
264489	CHEDCO RELIANCE.....	0			45	2.29	25	3.0	7,494	4.56	342	7	7,486	351	69%	-109	-11			
08-28-38	211731		332673	5-67																
STUD 35-05	STATES		3-35,41,42																	
265461	REGENT-S PAT OF GUSANNA.....	0			9	1.67	3	5.6	7,753	4.72	366	2	8,303	395	24%	-151	-7			
04-22-38	230929		421750	5-67																
	STATES		2-35,43																	
273849	KENMDOR LA NDC 8ILLIE.....*				7	3.86	6	1.2	7,681	4.58	352	5	7,500	337	35%	+5	+2			
10-27-37	239980		467813	5-67																
STUD 35-05	STATES		2-35,41																	
274911	BOULDER BRIDGE SUNLIGHT.....				5	4.20	5	1.0	8,285	5.02	416	6	7,693	366	28%	+127	+12			
09-16-38	216336		524102	0-00																
STUD 35-02	STATES		2-35,41																	
279696	TARBELL FARMS ROYAL MAESTRO...*				41	2.51	35	1.3	8,209	4.54	373	6	8,081	380	72%	+15	-8			
12-17-38	130308		207856	5-67																
STUD 35-75	STATES		4-32,33,35,41																	
279854	HOPEWELL PRIMROSE NOBLE.....*				31	2.35	15	8.8	8,191	4.47	366	5	8,11							

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRED OFF MILK FAT	
NUMBER	NAME	OF BULL			NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	FAT			
303216 08-17-40	MCOONALO FARMS 212227 STATES	FELLOWSHIP.....* 459911 2-35,51	5-67	0	7	4.14	3	3.8	8,979	4.57	410	6	8,673	403	26%	+68	+1
303546 11-19-40 STUO 41-14	MCOONALO FARMS 233983 STATES	FREELANO.....* 397623 3-35,41,45	5-67		12	2.08	12	1.0	7,086	4.50	319	5	7,568	354	42%	-269	-17
304086 09-24-40 STUO 35-03	NOBLE LAO OF 271441 STATES	SEYMOUR.....* 476972 2-33,35	5-67		20	2.30	10	4.8	8,323	4.36	363	5	7,781	354	45%	+182	0
304346 01-28-41	ROSEONE-S KING 268353 STATES	CAESAR.....* 393707 1-35	0-00		5	2.20	1	5.0	8,884	4.94	439	5	8,305	411	17%	+85	+4
305687 09-25-40 STUO 35-02	ETH-MEAO GENTLEMAN.....* 272047 STATES	523657 2-35,47	5-67		9	2.22	8	1.2	7,069	4.54	321	3	7,481	351	36%	-206	-13
306891 05-26-41	PINE MANOR SHEIK.....* 293561 STATES	389781 2-35,41	0-00		5	1.20	4	1.4	7,898	4.75	375	14	7,160	336	20%	+108	+6
306982 07-25-41 STUO 41-14	BEACON HILL CHANCELLOR.....* 287273 STATES	584273 3-32,35,41	5-67	0	28	3.00	18	2.0	7,241	4.70	340	6	7,543	367	63%	-291	-20
308216 12-17-40 STUO 35-05	MCOONALO FARMS 212939 STATES	FORCEFUL.....* 523724 1-35	5-67		22	2.45	15	1.7	6,876	4.49	309	7	7,546	351	57%	-468	-28
309042 07-07-41	SYLVANITE DOUGHBOY.....* 272179 STATES	350466 1-35	5-67		8	1.38	1	8.0	7,632	4.76	363	4	8,669	395	18%	-195	-6
311889 08-23-41	ACTOR OF CARNIVAL-S VALOR.....* 247970 STATES	459963 1-35	0-00		5	2.00	1	5.0	6,917	4.35	301	2	8,259	364	17%	-237	-11
312401 11-23-41 STUO 35-05	FLYING HORSE LUTE-S COLONEL...* 286027 STATES	442408 4-11,14,35,41	5-57	0	28	2.57	23	1.5	7,711	5.06	390	11	8,390	397	63%	-476	-6
312687 09-24-41	ST. ALBANS VALIANT GOLDEN KING* 200316 STATES	268482 1-35	0-00		5	1.60	1	5.0	7,910	4.66	369	11	7,524	356	16%	+35	+1
313150 12-06-41	ROME OF GRE HILL.....* 245044 STATES	466897 2-35,42	0-00		12	1.83	2	10.1	8,253	5.08	419	3	7,936	374	23%	+45	+9
314163 09-06-41 STUO 35-75	CAUMSETT ROYAL DUKE.....* 246910 STATES	563468 5-32,34,35,41,55	5-67		37	2.81	30	1.7	8,270	4.63	383	6	7,962	377	70%	+132	0
314473 01-11-41	DAIRYMAN BONNIE BOY.....* 207627 STATES	384351 1-35	0-00		5	2.40	3	1.8	8,843	4.94	437	4	8,105	385	23%	+147	+11
315971 07-26-41	FAIR LADY-S GAY BOY.....* 278734 STATES	686072 1-35	5-67		9	2.00	2	4.5	5,680	4.45	253	4	6,625	298	27%	-326	-15
316590 12-02-41	SHANTITUCK JURYMAN.....* 282233 STATES	393507 1-35	0-00		7	2.57	4	2.7	8,133	4.98	405	13	8,644	410	28%	-156	-1
318308 10-20-41 STUO 35-02	NORMANOV GENERAL.....* 296533 STATES	578206 1-35	5-67		10	2.70	10	1.0	7,222	4.76	344	7	7,874	372	41%	-319	-13
319210 02-20-42 STUO 35-75	ST. ALBANS VALIANT PAINT-S LAO 200316 STATES	524949 7-33,34,35,41,64	5-67	5	38	2.76	33	1.3	8,428	4.82	406	8	8,519	401	71%	-108	+1
319654 02-25-42 STUO 35-75	ELMWOOD FARMS ROYAL MASTER....* 279696 STATES	251227 13-32,33,35,41,42	5-67	0	87	2.40	69	1.5	8,230	4.61	379	8	8,093	382	84%	+26	-6
319865 02-22-42 STUO 35-02	MAPLE LANE LUCKY-S LADOIE.....* 237497 STATES	463942 2-35,72	5-67		44	3.07	31	1.8	7,759	4.78	371	8	7,928	371	73%	-212	-4
321378 01-01-42 STUO 35-02	SHANTITUCK DAISY-S MIDNIGHT...* 258560 STATES	433538 2-35,58	5-67	0	81	2.53	50	3.0	7,796	4.75	370	5	7,802	365	80%	-112	-1
321638 04-18-41 STUO 35-05	CESOR PENWYN-S WANO.....* 254831 STATES	472807 2-35,42	0-00		7	1.86	6	1.2	7,905	4.47	353	3	6,913	320	29%	+226	+6
321979 03-03-42	RENOWN-S COMMANDO.....* 276267 STATES	509933 1-35	0-00		7	1.57	1	7.0	8,061	5.12	413	4	6,781	359	18%	+189	+8
322562 08-16-42 STUO 35-05	OUNWALKE TREMPLEALEU ARCAOIA.. 288923 STATES	652639 1-35	0-00		6	2.50	1	6.0	7,927	4.40	349	14	6,677	307	19%	+193	+6
323252 12-20-41 STUO 35-05	GOROONOALE BELL BUOY.....* 264695 STATES	493181 1-35	5-67		11	3.55	6	3.7	7,088	4.71	334	7	7,261	329	36%	-129	-1
323976 01-01-42 STUO 35-05	GLENWILLO VICTORY.....* 224915 STATES	558874 1-35	0-00		5	1.60	2	3.4	6,292	4.51	284	12	6,700	305	18%	-115	-5
323994 09-16-42	GOLDEN CRESCENT POINTER.....* 292106 STATES	543317 1-35	5-67		12	2.25	1	12.0	6,644	4.68	311	5	7,278	359	23%	-185	-12
324066 11-21-40 STUD 35-02	HOMESTEAD JULE.....* 245211 STATES	417073 1-35	5-67		20	2.55	16	1.4	7,443	4.84	360	6	7,835	369	56%	-292	-8

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	NO		REC / OAU	MILK			AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
324380	PINE MANOR TRIUMPH.....*			2	73	2.55	45	2.4	8,052	4.83	389	9	8,408	393	80%	-343	-6	
11-06-41	222607	369600	5-67															
STUD 35-02	STATES	5-33,35,42,47,74																
324497	PATRICK OF SEYMOUR.....				9	1.56	1	9.0	6,372	4.57	291	3	7,565	365	20%	-264	-15	
09-28-41	271441	476972	0-00															
	STATES	1-35																
324588	COWAN FARM-S NOAH-S BOZO.....				7	2.29	1	7.0	7,585	4.52	343	7	8,028	393	20%	-112	-10	
10-25-42	206674	567603	0-00															
	STATES	1-35																
324865	.....				7	1.86	2	5.2	7,466	4.94	369	1	8,653	412	21%	-264	-9
	STATES	1-35																
325484	GRENDEL BUTTERFAT GLENWOOD.....*				5	3.20	1	5.0	8,568	4.42	379	15	8,745	389	19%	-40	-2	
01-15-42	229809	339936	0-00															
	STATES	1-35																
326181	CRAB TREE-S PIXIE.....				6	2.83	1	6.0	9,016	4.86	438	3	8,019	379	19%	+171	+10	
06-28-42	228016	394239	0-00															
	STATES	1-35																
326202	MEADOW LODGE KING-S MERIT.....			0	12	2.67	10	1.3	7,526	4.76	358	6	7,699	364	44%	-139	-5	
10-14-42	196128	397740	5-67															
STUD 35-05	STATES	1-35																
327931	MCOONALO FARMS HOMER.....*				24	2.46	8	6.2	8,747	4.63	405	5	8,241	382	48%	+200	+8	
06-25-42	212227	483094	5-67															
STUD 35-08	STATES	2-33,35																
327937	OAKVALE ROYAL THOR.....*			0	11	3.09	2	5.9	8,037	4.63	372	6	8,385	388	31%	-131	-5	
01-24-42	284263	639399	5-67															
	STATES	1-35																
331096	BOULOER BRIDGE MARSHALL.....				6	2.00	5	1.3	7,445	4.57	340	5	7,722	368	27%	-111	-8	
10-22-42	259502	623305	0-00															
STUD 35-02	STATES	2-33,35																
331156	REX ROY-S LEWIS.....			0	10	2.60	10	1.0	7,092	5.10	362	5	7,965	385	39%	-383	-10	
10-24-42	279360	611542	5-67															
	STATES	2-35,41																
331343	STATESMAN-S HARVESTER.....*				10	2.60	1	10.0	6,735	4.62	311	4	7,462	341	23%	-202	-8	
10-26-42	285845	464695	5-67															
	STATES	1-35																

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT
339585	8LOSSOMOALE MAX.....*				5	4.00	1	5.0	6,834	5.09	348	7	7,195	334	20%	-109	+1
04-30-43	249502	400739	0-00														
	STATES	1-35															
340667	GRASSLAND-S TREMPEALEAU 000GE.				24	2.33	8	8.9	6,912	4.54	314	8	7,338	344	42%	-255	-16
01-24-43	213585	532475	5-67														
STUO 35-05	STATES	1-35															
340794	LUXERIN SUNMAN.....				15	2.07	14	1.1	8,454	4.71	398	5	7,903	370	47%	+202	+10
01-04-43	209211	369622	5-67														
STUO 35-02	STATES	1-35															
341233	MAIO-S MAJESTY OF GLEN FLORA..*	0			38	2.89	17	7.2	7,818	4.52	353	5	8,219	382	57%	-280	-19
09-11-43	305488	659755	5-67														
STUO 35-02	STATES	2-34,35															
341503	EASTMAN PRISCILLA-S PAT.....	0			51	2.69	33	1.7	7,705	4.80	370	6	8,167	380	75%	-421	-1
06-29-43	295121	507668	5-67														
STUO 35-02	STATES	4-23,33,34,35															
342219	GOOSE VALLEY ANOY 80Y.....*				10	5.00	2	5.8	7,836	4.54	356	7	7,776	379	32%	-24	-8
06-27-43	236861	469885	5-67														
	STATES	1-23															
342466	SUSAN-S PRINCE OF VANITY.....				7	1.71	1	7.0	9,025	4.94	446	1	7,713	359	18%	+210	+14
12-26-42	282310	590004	0-00														
	STATES	1-35															
342716	MCOONALO FARMS HANLEY.....*				15	3.13	7	2.8	8,182	4.24	347	9	7,963	372	46%	+46	-13
09-24-42	233983	628377	5-67														
STUO 35-02	STATES	1-35															
343131	MT. ARARAT LUCKY CAPTAIN.....*	0			55	2.71	43	1.7	8,082	4.86	393	7	8,458	400	77%	-341	-7
11-17-43	236364	495986	5-67														
STUO 35-02	STATES	8-33,34,35,41,42															
343148	CATHEORAL OICKIE.....				13	3.15	11	1.3	7,935	4.66	370	5	7,868	366	47%	-28	0
09-09-43	292017	702937	5-67														
STUO 35-02	STATES	1-35															
344214	MEADOW LOOGE CLIMAX-S SILVER..*				5	1.60	1	5.0	5,345	5.03	269	2	6,565	309	16%	-233	-7
11-01-43	292780	565264	0-00														
	STATES	1-35															
344367	BUTTERFAT OSCAR-S LEAOR.....				8	1.88	1	8.0	7,756	5.35	415	5	7,765	393	2		

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HEROMATE NO	AVERAGES MILK	OF SIRE SUMMARY			
351118 02-09-44 STUD 35-75	WIN8ERNIE 312989 STATES	8LEND OF THE MEADS 750269 4-33,35,42,51	0	17	2.71	13	1.4	7,482	4.54	340	7	8,174	385	52%	-407	-25
352466 12-21-43 STATES	LINWOOD-S 235630 1-35	SLOGAN LAD..... 477240 5-67		14	2.86	1	14.0	7,354	4.51	332	16	7,028	329	26%	+29	-1
352592 09-27-42 STUD 35-75	WALDORF PREDICTION..... 256344 STATES	612712 5-67 5-21,33,35,41,52	0	45	3.04	26	4.4	8,468	4.87	412	9	8,619	409	67%	-136	0
353269 10-01-43 STUD 35-05	GORDONDALE PROUD CADET..... 264695 STATES	630681 5-67 2-35,41		25	3.08	17	1.8	7,449	4.86	362	7	7,459	352	61%	-108	+1
353804 01-02-44 STATES	R. LANE-S PHILOSOPHER-S DUKE.. 268403 1-35	617100 0-00		5	1.40	1	5.0	6,149	4.83	297	3	6,739	325	15%	-125	-5
353890 08-19-43 STATES	GYLDEN FARM GENERAL..... 208540 1-35	535200 0-00		5	1.40	1	5.0	6,098	5.23	319	8	7,297	344	15%	-203	-4
354147 12-18-43 STUD 35-05	MCDONALD F. GLENMARY PREDICTIO 267458 STATES	672118 5-67 3-33,35,41	3	50	2.68	34	2.0	7,520	4.76	358	7	7,762	361	74%	-280	-7
354789 12-15-43 STUD 35-02	MCDONALD FARMS INHERITANCE.... 262516 STATES	650139 5-67 2-35,47	0	17	2.29	16	1.1	6,939	4.71	327	8	7,827	364	51%	-522	-22
354951 10-08-43 STATES	EAGLE POINT GENTLEMAN..... 305687 1-35	838304 5-67		11	1.55	1	11.0	6,471	4.16	269	1	6,763	314	21%	-108	-11
354977 01-26-44 STUD 35-75	BOULDER BRIDGE COMBINE..... 235690 STATES	540894 5-67 5-33,35,41,47,91	0	53	2.58	27	3.3	8,227	4.45	366	8	8,475	400	72%	-227	-26
355190 01-15-44 STATES	PRINCESS- JACK..... 320790 1-35	810799 0-00		5	2.80	1	5.0	6,898	4.03	278	3	6,905	312	18%	-41	-7
355295 03-18-44 STATES	NINA-S DANNY OF MISHICOT..... 302940 1-35	574979 0-00		11	1.27	4	3.5	6,500	5.03	327	2	7,219	346	30%	-276	-8
355910 08-07-44 STUD 35-05	STERLINGOLD CAVALIER..... 295373 STATES	683466 5-67 6-16,23,35,41,42	0	66	2.30	44	1.9	8,348	4.53	378	9	8,410	396	79%	-106	-16
356192 03-23-44 STATES	BURTON LANE-S IAGOD..... 211402 1-35	449813 0-00		7	2.86	1	7.0	5,755	4.97	286	5	7,461	333	20%	-378	-11
356761 04-18-44 STATES	COWAN FARMS TIMOTHY..... 239980 1-35	502630 5-67	0	19	2.21	1	19.0	5,412	4.90	265	3	6,651	308	25%	-377	-13
357179 04-29-44 STUD 35-04	DEER CREEK-S WALLEY..... 295157 STATES	463357 5-67 2-32,35		11	2.45	7	2.2	8,247	4.81	397	5	8,128	379	37%	+6	+5
357326 01-02-44 STUD 35-03	ROCKINGHAM RELIABLE..... 302800 STATES	501862 5-67 1-35		12	2.75	7	2.3	8,075	4.79	387	6	8,056	372	41%	-36	+3
357441 05-13-44 STATES	LUCKY-S WARRIOR OF ACRE FAIR.. 314650 2-35,41	623663 5-67		19	2.58	3	13.7	7,702	5.13	395	3	7,491	373	31%	+14	+5
357576 10-05-43 STATES	OUTLOOK HILL-S BEATRIX-S REMUS* 376574 1-35	650364 5-67		5	1.80	1	5.0	8,526	4.73	403	3	7,466	337	16%	+144	+9
358092 09-19-44 STUD 35-02	CHEOCO HURRICANE..... 241118 STATES	460447 5-67 3-34,35,42	0	50	2.34	30	4.1	7,163	4.84	347	7	7,719	367	69%	-479	-17
358118 01-01-43 STUD 41-14	GALLANT NOBLE OF KREA LAWN.... 303416 STATES	755312 5-67 3-35,41,74		19	2.47	12	3.3	7,482	4.81	360	5	7,907	368	48%	-262	-6
359912 10-29-44 STUD 35-05	CHEOCO KING-S HONOR..... 241118 STATES	618383 5-67 2-35,42	0	14	2.36	11	1.4	6,982	4.60	321	9	8,013	373	46%	-521	-26
359919 10-22-44 STUD 35-06	BLAKEFORD SULTAN..... 256253 STATES	558646 5-67 2-35,73	0	36	2.89	18	2.8	9,318	4.48	417	9	8,310	389	66%	+610	+15
360454 06-08-44 STATES	BETTY PENNY-S RANDALL..... 289718 1-35	537694 0-00		6	2.00	1	6.0	7,013	4.08	286	2	7,869	340	18%	-176	-10
360490 STATES	..... D-00 1-35			5	1.00	1	5.0	9,172	4.54	416	4	8,230	377	14%	+116	+5
361559 12-03-43 STUD 41-14	GREEN MEADS WIL-DEAN..... 328076 STATES	658222 5-67 2-35,41	6	34	2.76	27	1.5	7,625	4.90	374	8	8,026	390	67%	-345	-13
361786 02-23-44 STATES	WEY ACRES TEMPLAR-S RUO..... 285220 1-35	701592 5-67		8	3.00	2	6.2	8,120	4.64	377	13	7,999	386	24%	+1	-2
361996 03-04-42 STATES	ORPHAN OF QUADRUPLE OAKS..... 298312 1-35	624620 0-00		6	1.33	2	4.3	8,198	4.87	399	9	8,363	410	18%	-44	-1
362642 09-16-44 STUD 35-05	BOULDER BRIDGE CALIPH..... 235690 STATES	540900 5-67 3-35,41,42	0	14	2.71	14	1.0	7,449	4.54	338	5	7,780	365	48%	-222	-15

REGISTRATION			INC %	DAUGHTERS		NO OF HEROS	'EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PREO DIFF	
NUMBER	NAME	OF BULL		NO	REC / OAU			MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT
362691 08-02-44	WATERSHEET MAY STATES	ROSE-S HER8.... 230929 278628 1-35		18	1.67	1	18.0	6,305	4.65	293	3	6,746	313	24%	-160	-7
363122 10-26-44	CHERUB OART OF STATES	CLOIE FORK..... 287275 865614 1-35		5	2.40	1	5.0	7,714	4.04	312	4	7,078	325	18%	+75	-3
363323 11-21-44	L. O. AFRICANOER-S STATES	PLATO.....* 238654 507347 1-35		22	2.55	16	1.6	7,207	4.63	334	6	7,567	354	56%	-288	-15
363844 01-06-45	MARSHAL OF MANITOWOC..... STATES	..... 305634 494911 1-35		11	3.27	1	11.0	7,455	4.96	370	5	7,952	381	25%	-150	-3
364236 11-17-43	GRENDEL CLARION TROJAN..... STATES	..... 264743 688237 1-35		17	2.53	1	17.0	7,649	4.92	376	12	8,058	369	25%	-130	0
364384 09-25-44	GOODOALE-S BA88Y MAC..... STATES	..... 325357 809163 1-35		7	1.43	2	3.5	6,823	4.81	328	10	7,853	372	22%	-257	-10
364803 09-16-44	BOULOER BRIDGE KING-S SUN RAY.* STATES	..... 320501 623303 8-23,33,34,35,42	0	138	2.57	76	2.9	8,807	4.56	402	9	8,512	402	88%	+202	-2
364825 10-30-44	MEADOW LOUGE KING-S GAUNTLESS.* STATES	..... 196128 611839 2-32,35		6	2.67	5	1.3	8,509	4.88	415	7	8,383	402	27%	+13	+3
364955 07-21-44	MCDONALD FARMS JOLLY BOY.....* STATES	..... 233983 651269 3-32,35,41		22	4.32	9	8.1	8,843	4.84	428	9	9,074	430	45%	-105	0
365941 03-16-45	SPRING VALLEY-S KING..... STATES	..... 327625 486689 1-35		11	2.91	1	11.0	8,170	4.82	394	4	8,127	362	24%	-13	+6
366082 11-06-44	BOLENOALE OMEGA-S KING..... STATES	..... 326201 485522 3-35,41,42	0	56	3.16	41	1.6	8,999	4.58	412	8	8,563	410	78%	+294	0
366995 01-14-45	GOLOEN CRESCENT ROLANO..... STATES	..... 330177 543317 1-35		6	5.00	1	6.0	7,063	5.01	354	4	8,522	371	22%	-326	-4
368573 01-25-45	WITCHWOOD WIZARD-S MONARCH.....* STATES	..... 322343 606391 1-35	0	28	2.32	5	9.1	8,441	4.55	384	5	8,208	386	45%	+62	-2
368705 12-18-44	ELOERBROOK FARM BUSTER.....* STATES	..... 342716 403553 1-35		5	2.80	2	2.6	6,362	4.12	262	4	6,784	305	21%	-139	-11
370030 03-19-45	HORSE SHOE F BULWARK..... STATES	..... 257351 537381 1-35	0	21	2.48	1	21.0	7,949	4.23	336	2	8,350	371	26%	-126	-10
370066 02-18-45	SHANTITUCK JURY-S SANBY.....* STATES	..... 316590 406608 2-35,74		10	2.40	3	5.4	7,206	4.93	355	5	8,023	390	27%	-247	-10
370144 04-03-45	COWAN FARMS LAO-S LESTER.....* STATES	..... 283031 632987 1-35		12	2.50	2	10.1	8,428	4.84	408	4	8,883	414	26%	-122	-1
370414 04-14-45	WERN-S NAPOLEON-S RELIANCE.... STATES	..... 254995 580571 1-35		9	1.89	1	9.0	7,506	4.65	349	16	7,134	334	20%	+34	+1
370560 12-17-44	EAGLE POINT BUTTER BOY..... STATES	..... 329515 586365 1-35		9	2.22	1	9.0	5,254	4.70	247	6	5,744	281	21%	-176	-10
371196 03-01-45	PETERKIN-S PRINCE.....* STATES	..... 285666 688464 1-35		8	2.38	1	8.0	7,307	4.56	333	7	7,114	343	20%	-1	-3
371247 10-24-44	HELENOALE OSCAR-S MAJOR..... STATES	..... 224870 665172 1-35		9	1.67	1	9.0	7,483	4.62	346	3	7,675	363	20%	-67	-4
371457 01-02-45	BOULOER BRIDGE FASCINATOR.....* STATES	..... 320501 781623 3-33,35,74	0	48	2.75	32	2.5	8,406	4.64	390	9	8,857	416	73%	-349	-19
372372 01-15-45	BOULOER BRIDGE FOOTPRINT.....* STATES	..... 235690 688569 5-34,35,41,42,47	0	48	3.38	31	2.1	8,618	4.82	415	7	8,496	398	74%	+42	+10
372489 .....	.....	..... STATES		8	2.38	1	8.0	6,868	4.66	320	4	6,364	297	21%	+47	+2
372575 04-10-45	BONOWICK-S JUND..... STATES	..... 262153 690307 1-35		7	2.29	1	7.0	7,667	4.64	356	3	7,618	328	20%	-20	+3
372762 02-07-45	TWO BROOKS BUTTERFAT HERALD....* STATES	..... 232998 485716 4-33,35,47,72		11	2.91	11	1.0	7,796	4.76	371	12	8,105	377	43%	-178	-4
372915 10-26-44	OUTLOOK HILL-S BALOWIN.....* STATES	..... 315790 650364 1-35		5	2.00	1	5.0	8,584	5.30	455	7	8,564	420	17%	-6	+6
375262 04-03-45	ST. ALBANS GRANDEE COUNT.....* STATES	..... 319179 875710 8-31,32,35,41,42	0	115	2.86	65	2.3	7,783	4.75	370	8	8,173	382	87%	-421	-14
375451 03-26-45	U.W. CHUM BAAGER SIR BRUMMEL.. STATES	..... 249620 769920 1-35		6	2.17	1	6.0	8,284	4.68	388	5	7,639	358	18%	+88	+4

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT
376428 12-01-44 STUO 35-02	MCDOONALD 233983 STATES	JOFFRE.....*	799633 5-67		30	2.70	25	1.5	8,126	4.71	383	9	8,358	397	66%	-204	-11
376449 07-03-44 STATES	GRACELANO 318787 STATES	80M8ER-S SHOW 580141 1-35	80Y... 5-67		6	1.00	1	6.0	6,592	4.60	303	1	7,560	368	15%	-165	-10
376561 11-27-43 STATES	GUERNSEY GROVE 289457 STATES	CONSUL-S REX... 368328 1-35	5-67		15	1.60	1	15.0	9,298	4.36	405	2	9,056	412	23%	+52	-1
376667 03-16-45 STATES	SANFAOAIR BELL 255290 STATES	BUDY CORONET... 640180 1-35	5-67		11	2.55	1	11.0	8,385	4.60	386	4	8,890	421	22%	-117	-7
377743 09-28-45 STATES	SPRUCE SHAOOWS 305405 STATES	CORONET..... 557273 1-35	0-00		5	2.20	1	5.0	8,641	4.70	406	7	7,498	339	17%	+166	+10
378072 08-03-45 STATES	HORSE SHOE PATSY-S 308231 STATES	LAO..... 603123 1-35	0-00		10	2.40	1	10.0	5,793	4.59	266	2	6,988	334	22%	-308	-16
378211 11-07-45 STUO 35-75	BURTON LANE-S 331788 STATES	SUPREME LEIGH... 792741 3-34,35,41	5-67	0	104	2.69	55	2.7	8,338	4.88	407	7	8,473	406	85%	-171	-1
378319 08-12-45 STATES	SYLVANITE ALOHA 340594 STATES	BOUNCER..... 513089 1-35	5-67		7	2.14	2	5.2	8,242	4.55	375	3	8,221	384	21%	-14	-2
378817 06-30-44 STUO 35-05	NEW HOLSTEIN 290779 STATES	GLENROY..... 888906 2-35,41	0-00		5	1.20	5	1.0	5,437	4.73	257	4	7,538	341	21%	-474	-19
379225 10-12-45 STATES	R. LANE-S CHARMER..... 264695 STATES	539336 1-35	0-00		8	1.50	4	3.5	5,806	4.81	279	8	6,831	326	25%	-318	-14
379432 08-15-45 STATES	GURNVILLE J. 313692 STATES	LAOOIE.....* 401629 1-35	0-00		5	3.40	1	5.0	6,586	4.69	309	8	6,742	325	18%	-71	-4
379579 06-28-45 STATES	WAINWRIGHT..... 330159 STATES	688837 1-35	8-62		6	2.17	2	4.3	7,757	4.73	367	3	8,064	378	21%	-85	-2
380309 01-05-44 STATES	GUERNSEY GROVE 289457 STATES	MARINE..... 616335 1-35	0-00		10	1.60	1	10.0	6,233	4.96	309	3	7,863	374	20%	-354	-13
380606 03-19-45 STATES	DAIRYMAN FLING ACE.....* 290609 STATES	843151 1-35	5-67		10	1.70	2	5.8	7,468	5.26	393	5	7,986	399	26%	-163	-2
380984 08-07-45 STATES	COWAN FARMS COMMANDER-S 302056 STATES	MASTER* 632991 1-35	5-67		13	2.31	1	13.0	6,942	4.90	340	7	7,100	341	23%	-83	-1
381016 01-08-46 STATES	CHEOCO VULCAN..... 271173 STATES	639865 1-35	5-67		8	2.13	1	8.0	6,631	4.98	330	4	7,509	356	21%	-213	-6
381207 06-04-45 STATES	WELCOME IN BARRON.....* 252898 STATES	509396 1-35	5-67		9	2.22	5	2.3	8,134	4.50	366	9	8,521	404	32%	-144	-12
381757 STATES	..... STATES	..... 1-35	0-00		9	1.00	1	9.0	8,419	4.18	352	4	8,570	399	17%	-35	-8
382028 08-16-45 STATES	URBANOALE PROFESSOR GEORGIE... 317207 STATES	854855 1-35	0-00	0	8	4.38	1	8.0	8,548	4.81	411	6	9,455	451	23%	-202	-8
382097 01-18-46 STATES	HILLCREST ALEXANDER..... 305532 STATES	649625 1-35	0-00		12	1.92	1	12.0	7,738	4.72	365	4	7,539	361	23%	+8	0
382990 01-13-46 STATES	GRANOVU ROYAL LORANZO.....* 344748 STATES	594201 1-35	5-67	0	16	2.75	4	6.2	8,545	4.67	399	9	8,298	379	38%	+61	+5
383136 09-27-45 STUO 35-05	COOPER-S INTERNATIONAL..... 349264 STATES	628883 2-35,61	0-00		8	2.13	7	1.2	7,600	4.43	337	7	7,553	349	33%	-36	-6
384789 03-31-45 STATES	CREAMLANO VALOR-S GOLO BAR.... 319102 STATES	604540 1-35	5-67		12	1.92	1	12.0	7,137	4.95	353	2	7,145	341	22%	-46	+1
385121 07-04-43 STATES	IOEAL-S JU8ILEE.....* 337314 STATES	723509 5-14,16,21,23,35	5-65		5	4.00	5	1.0	8,603	4.86	418	12	8,575	409	27%	-7	+2
385217 10-20-45 STATES	BOULOER BRIOGE LUCRATIVE.....* 320501 STATES	623312 2-35,47	5-67	0	11	4.09	2	9.1	10,669	4.44	474	14	9,537	456	28%	+323	+6
385543 05-07-45 STATES	FAWNOAWAY MOEELER STAR.....* 308415 STATES	488657 1-35	0-00		5	2.20	1	5.0	7,375	4.58	338	7	6,817	318	16%	+53	+1
385549 01-07-46 STATES	CURTISS CANOY LEVITY FOXEY....* 288158 STATES	718544 1-35	5-67	0	11	3.27	1	11.0	8,506	4.46	379	4	8,977	408	24%	-118	-7
385858 10-31-45 STATES	NOMAO OF LAKE VALLEY FARM..... 281341 STATES	784218 1-35	5-67		31	2.65	2	27.2	7,757	4.65	361	6	8,160	387	30%	-147	-8
385934 01-24-46 STUO 35-06	BLAKEFORO PRINCE LEE.....* 330631 STATES	337676 1-35	5-67	0	13	2.77	10	1.6	8,127	4.77	388	7	8,188	385	44%	-68	0

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY			PRED OFF FAT
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY			
386173 11-30-45	SHANTITUCK 273578 STATES	DOON-S 813480 1-35		6	2.33	1	6.0	6,266	5.36	336	5	6,849	332	17%	-138	0	
386174 12-09-45	SHANTITUCK 318308 STATES	GEN-S ROY 813479 1-35	0	13	3.69	1	13.0	7,210	5.13	370	3	7,892	398	25%	-202	-7	
386175 12-15-45	SHANTITUCK 318308 STATES	GEN-S OUK 714476 1-35		9	3.22	2	5.8	7,916	4.80	380	4	8,994	416	28%	-303	-10	
386664 12-06-45	OIANA-S 305488 STATES	PREDICTION 379410 1-35		5	1.20	1	5.0	7,676	4.57	351	2	7,851	373	14%	-43	-3	
386910 11-10-45 STUO 35-03	L. F. AOMIRAL 233908 STATES	691229 5-67 1-35	0	14	1.79	5	4.1	7,763	4.60	357	6	7,530	348	37%	+26	0	
387662 02-25-46	WELCOME IN 287402 STATES	FOR-CHUM 736713 2-23,35	0	21	2.38	5	10.2	9,073	4.54	412	8	8,579	407	37%	+162	+1	
388225 05-18-46	HOMEWOOD 349653 STATES	LEVITY CHUM 413739 1-35	0	8	1.50	1	8.0	9,162	4.60	421	5	8,381	400	19%	+131	+3	
389220 02-23-46	SENRA8 343255 STATES	ARISTOCRAT-S 682021 1-35		23	1.78	3	10.5	7,411	4.93	365	3	7,772	364	36%	-178	-1	
389528 01-07-46	BRANOTJEN-S 361559 STATES	NAPOLEON 763543 1-35	0	9	1.67	1	9.0	7,594	4.49	341	13	7,011	325	20%	+74	+1	
389666 02-11-46 STUO 35-05	ARGILLA FORCAST 203950 STATES	LAO 701053 3-35,41,42	0	42	2.12	34	1.4	7,167	4.58	328	6	7,707	356	71%	-487	-25	
390145 10-07-45	OAIRYMAN 290609 STATES	MIOAS 685812 1-35		6	3.50	1	6.0	7,154	5.19	371	3	7,587	378	20%	-116	-2	
390391 02-16-46	SENRA8 354073 STATES	MONARCH-S 782313 1-35		6	1.33	2	4.3	7,268	4.73	344	9	7,330	338	18%	-44	0	
390437 03-18-46	LANGWATER 305406 STATES	OMAR 699879 2-33,35		15	2.53	4	7.4	7,590	4.47	339	8	8,087	373	34%	-204	-13	
390615 04-12-46	GIPPY PRINCE 282095 STATES	LAOOIE 756321 1-56		21	1.76	1	21.0	8,938	4.37	391	2	8,524	372	25%	+86	+3	
390710 02-27-46	COLORADO-S 276464 STATES	ROYALIST 738409 1-84		7	1.57	2	5.2	8,915	4.64	414	1	8,319	385	20%	+101	+5	
390815 02-28-46	WILLOW LANE 308620 STATES	GOODMAN 764034 1-35		5	1.80	1	5.0	8,927	5.09	454	2	8,307	403	16%	+85	+8	
390977 10-25-45	WINOY HILL FARM-S 257838 STATES	SAILOR 592425 1-35		11	1.73	1	11.0	6,800	4.78	325	1	7,978	375	21%	-276	-11	
391684 09-24-45 STUO 35-02	WOODACRES 214096 STATES	ROYAL ATHENIAN 665091 5-67 6-33,34,35,41,42	6	49	3.24	30	2.5	8,694	4.91	427	10	8,604	404	74%	+26	+15	
392983 04-15-46	ELK MEADOW 357041 STATES	LUCY-S 847417 1-35	0	6	1.00	1	6.0	9,842	4.79	471	2	8,795	455	15%	+149	+3	
393396 02-21-46 STUD 35-05	BOULDER BRIDGE 320501 STATES	VICTOR 718553 5-67 5-33,35,41,42,45	3	51	3.31	34	2.0	8,291	4.38	363	8	8,353	391	75%	-106	-23	
393571 03-14-46	QUENTIN OF 361484 STATES	GRUBLE FARM 630690 1-35		5	1.60	1	5.0	8,480	4.54	385	4	8,089	374	16%	+45	+1	
394686 07-11-46	WINOY HILL FARM-S 276914 STATES	MARK 580827 1-35		6	2.50	2	3.0	7,912	4.87	385	4	8,099	397	24%	-68	-3	
394776 12-11-45	TARBELL 214202 STATES	PEERLESS VICTOR 857047 1-35		7	2.00	1	7.0	8,929	4.77	426	2	8,642	384	18%	+43	+7	
394789 09-30-46	KENMOOR MAXIM 307696 STATES	MAJESTY 664829 1-35		13	1.54	1	13.0	7,219	5.10	368	6	8,031	397	21%	-193	-6	
394794 01-13-46	CORINA-S 359066 STATES	KING OF FERN HILL 830930 1-35	0	9	3.00	1	9.0	6,659	4.70	313	1	7,053	326	23%	-138	-5	
397036 11-16-44	KING OF BRAUN FARM 291217 STATES	705679 0-00 1-35		10	1.10	1	10.0	5,958	4.68	279	1	6,881	329	18%	-208	-10	
397075 06-21-46	PLUTOCRAT-S 334587 STATES	BUTTERFAT COUNT 610574 1-35		9	3.33	1	9.0	9,001	4.29	386	13	8,429	377	24%	+118	+1	
397673 06-11-46	STREVERLING-S 335322 STATES	BILLY 861152 1-35		10	4.10	1	10.0	6,149	4.94	304	4	7,063	317	25%	-283	-5	
397740 10-10-46	SINAWIK HIS ROYAL HONOR 353074 STATES	920299 0-00 1-35	0	7	1.71	1	7.0	7,495	4.11	308	4	7,765	359	18%	-74	-10	

REGISTRATION				INC %	DAUGHTERS		ND OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY AVERAGES		PRED OFF	
NUMBER	NAME	DF	SULL		ND	REC / OAU			MILK	%	FAT	ND	MILK	FAT	SIRE SUMMARY	MILK	FAT
398079	MODN-S LAD-S CRESCENT.....*	06-10-46	283031 546141 STATES 1-35	0	21	2.52	1	21.0	7,951	5.06	402	15	8,836	418	26%	-239	-4
398864	FAWMDAWAY LEVITY FASHION ACE..	11-18-46	351172 870598 STATES 1-35	0	11	1.45	1	11.0	5,940	4.98	296	1	6,993	343	20%	-257	-10
398909	STREVERLING-S BEN FRANKLIN....	10-20-46	357045 620639 STATES 1-35		7	2.29	1	7.0	6,374	4.72	301	5	7,004	337	20%	-169	-8
399000	WEY ACRES LEVITY IMPRINT.....*	08-02-46	278519 674329 STATES 1-35	0	16	2.63	5	5.0	7,698	4.26	328	6	7,209	342	41%	+121	-9
399380	WELCOME IN ARCHER.....*	07-31-46	260622 820259 STATES 1-35	0	14	4.14	3	6.4	8,054	4.54	366	6	7,966	382	38%	-11	-7
400613	WELCME IN COOY.....*	03-02-46	287402 863037 STUD 35-02 STATES 3-31,34,35	0	49	2.90	23	3.4	8,232	4.41	363	7	8,279	389	71%	-94	-21
400692	R. LANE-S MERRYMAKER.....*	01-02-47	264695 673751 STATES 1-35	0	12	1.42	1	12.0	6,416	4.69	301	5	7,499	353	21%	-256	-11
401055	HDMINY HILL BARONET.....*	01-08-47	338570 540190 STUD 35-05 STATES 5-23,35,41,50,51	0	33	2.58	26	1.4	7,612	4.48	341	8	8,036	375	67%	-359	-26
401281	SCHIMENEK-S SIR FRITZ.....	03-26-46	361304 939351 STATES 1-35		5	1.80	1	5.0	7,351	4.35	320	6	6,944	319	17%	+31	-1
401340	OAK LAWN MAXIM-S ACE.....*	05-24-46	320214 813883 STATES 1-35		11	1.27	2	5.5	8,316	4.73	393	6	8,749	409	26%	-123	-4
401588	MULHOCWAY BUTTERFAT SABIAN...*	07-23-46	226497 464376 STATES 1-35		23	3.22	1	23.0	8,835	4.66	412	6	8,752	407	28%	+12	+1
401801	CHEOCO GENERAL.....	02-03-47	241118 393802 STUD 35-02 STATES 2-34,35	0	38	3.18	30	1.4	8,363	4.54	380	9	8,319	390	72%	-27	-9
402196	MAPLE LEAF VALIANT-S DUKE.....	11-04-46	337452 868136 STATES 1-35		13	2.23	1	13.0	7,281	4.82	351	4	7,559	356	24%	-102	-2
402336	LAO-S HAROY OF THE DAKS FARM..	11-20-46	257838 695170 STATES 1-35	0	12	2.92	3	8.5	8,105	4.97	403	12	8,698	433	28%	-177	-7
403474	SENRA8 MDNARCH-S ECLIPSE.....*	02-25-47	354073 782314 STATES 1-35		7	2.43	1	7.0	7,137	4.57	326	2	7,691	358	20%	-138	-7
403475	SENRA8 MDNARCH-S ESQUIRE-TWIN.*	02-25-47	354073 782314 STATES 1-35	0	26	3.58	3	13.0	8,881	4.99	443	9	8,849	418	40%	+1	+9
404290	CDWAN FARMS NICK.....	11-15-46	357704 846474 STATES 1-35	0	10	3.10	1	10.0	6,747	4.62	312	3	7,589	361	24%	-236	-12
404680	CREAMLANO GA88Y DEAN.....	12-30-45	343420 772542 STATES 1-35		6	1.33	1	6.0	7,492	4.51	338	5	7,887	349	16%	-81	-2
405575	WERN-S BUTTER FAT KING.....	01-06-46	305752 727412 STATES 1-35		5	2.00	2	3.4	5,732	4.26	244	2	7,387	338	19%	-343	-19
405876	WERN-S COUNTRY IDOL.....	10-15-46	288654 617677 STATES 1-35		6	1.00	1	6.0	6,772	4.62	313	3	7,705	394	15%	-157	-12
406136	NORTHERN CONRAD-S RDGER.....	02-09-47	301376 686135 STUD 35-02 STATES 1-35	0	38	2.71	28	1.6	7,980	4.76	380	6	8,107	379	70%	-160	-2
406973	KINGS MAXIM OESIGN.....	01-10-47	362381 747325 STATES 3-35,41,64	25	8	2.13	8	1.0	9,005	4.53	408	12	7,959	380	33%	+305	+7
407624	BLAKEFORD GINGER.....*	06-24-47	326235 701798 STUD 35-06 STATES 1-35	0	13	1.15	7	3.0	7,464	4.78	357	8	8,096	372	35%	-254	-6
407865	BOULDER BRIDGE LUCERD.....*	02-15-46	235690 445871 STUD 35-05 STATES 9-16,33,35,41,42	1	137	2.46	69	3.0	7,875	4.55	358	9	8,138	381	87%	-317	-24
408051	GUSANNA-S PRINCE-S LEADER.....	12-16-45	346896 687509 STATES 1-35	0	16	2.06	1	16.0	6,897	4.67	322	2	7,677	354	24%	-221	-9
408063	FRIENDSHIP N. 8. R. CRESCENT..*	10-28-46	281437 624066 STATES 1-23		8	4.38	1	8.0	8,050	4.47	360	13	7,938	370	23%	-1	-3
408447	VORTEX TRIUMPH OF MAPLE LAWN..	12-17-46	327608 644141 STATES 1-35	0	23	2.65	1	23.0	7,343	4.53	333	2	7,437	354	26%	-69	-7
408568	BOULDER BRIDGE FORESTER.....*	10-21-46	235690 546157 STUD 35-05 STATES 4-33,35,41,42	0	27	3.59	17	3.5	8,252	4.57	377	7	8,356	394	59%	-107	-12
409783	ROSEONE HOLLISTON TARZAN.....	05-20-47	351432 389304 STUD 35-02 STATES 1-35	0	28	2.36	21	1.6	7,213	4.99	360	8	8,096	378	62%	-614	-14

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	AVERAGES		REPEATABILITY		PREO OFF MILK	FAT
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT		MILK	FAT	OF SIRE SUMMARY	MILK			FAT
410159 04-30-47	TROUTWATER K.	WALOO OF OR.K...	0-00	6	1.33	1	6.0	6,753	4.77	322	2	7,228	356	16%	-106	-6		
410573	STATES	1-35	0-00	7	1.57	1	7.0	6,362	5.01	319	1	7,567	377	18%	-238	-10		
410662 02-28-47	COUNTS BILLY	80Y.....	8-62	5	2.40	2	3.4	9,561	4.94	472	9	8,739	399	21%	+160	+14		
411383 05-09-47	NORTHERN CONRAO-S	BEACON.....	5-67	25	2.48	18	1.7	7,272	4.72	343	8	7,753	365	60%	-373	-17		
411384 07-12-47	NORTHERN CONRAO-S	8A0GER.....*	5-67	8	3.50	3	4.7	7,379	4.78	353	8	7,705	369	28%	-129	-5		
411385 07-19-47	NORTHERN CONRAO-S	KNIGHT.....	5-67	21	2.14	16	1.4	7,305	4.49	328	5	7,739	359	55%	-318	-20		
411969 10-20-46	MCODNALO FARMS	HIGH LINEMAN...	5-67	6	1.50	1	6.0	8,794	4.09	360	3	7,099	322	16%	+244	+4		
412156 01-26-47	MONOGRAM-S	SARGENT.....	0-00	5	2.20	1	5.0	8,182	4.71	385	2	8,920	436	17%	-128	-8		
412336 04-24-47	MCILQUHAM KING	WILLIAM.....*	5-67	7	5.57	3	3.8	7,531	4.99	376	10	7,921	379	27%	-137	-1		
412398 12-19-46	KREA LAWN	80MBER.....	8-62	6	1.83	2	3.3	9,591	4.37	419	8	8,148	390	22%	+293	+5		
412874 12-26-46	LIBERTY PEERLESS	COMRAOE.....	5-67	38	4.08	1	38.0	8,097	4.48	363	8	7,458	363	31%	+145	-1		
414163 08-05-47	PINE CREEK FARM	PETER.....	0-00	9	5.44	1	9.0	8,639	4.27	369	4	7,936	373	25%	+145	-2		
414540 06-02-47	PECK-S GOVERNOR-S	GOVERNOR....*	5-67	25	3.80	10	6.7	9,053	4.81	435	7	8,981	444	51%	+28	-3		
415361 03-28-47	CHESTERLUCK LEVITY	LARRY.....*	5-67	14	2.36	1	14.0	7,909	4.96	392	3	8,771	412	24%	-215	-4		
415426 07-04-47	NORTHERN CONRAO-S	RAOIAN.....	5-67	43	2.33	35	1.4	7,383	4.96	366	9	8,091	381	72%	-585	-14		
415427 07-29-47	NORTHERN CONRAO-S	SUPREME.....*	5-67	9	3.44	3	3.8	7,301	5.01	366	9	8,108	392	31%	-282	-8		
415428 07-31-47	NORTHERN CONRAO-S	LEAOER.....	5-67	20	2.60	16	1.4	7,414	4.69	348	6	7,884	366	56%	-332	-13		
415433 05-17-47	TINY-S PRINCE OF	OAK GROVE....	5-67	16	2.19	2	12.5	6,938	4.67	324	4	7,182	313	28%	-122	0		
415887 12-22-45	LUXERIN MOHAMMED-S	CHIEFTAIN..	0-00	14	3.07	1	14.0	7,337	4.69	344	11	8,398	399	24%	-274	-13		
416088 07-26-46	JOHNIE LEE.....		5-67	18	2.83	3	14.3	8,729	4.79	418	5	8,160	385	30%	+139	+8		
416726 01-25-47	ELK MEADWW PET-S	DOON.....	0-00	11	1.82	3	6.2	7,513	4.37	328	6	8,307	386	27%	-237	-16		
416893 08-03-47	AOLYNN ACRES-CHAMP		5-67	14	4.36	1	14.0	8,557	4.90	419	9	8,624	428	27%	-31	-2		
417357 10-21-47	CHEDCO PIPER.....		5-67	13	2.85	11	1.3	7,755	4.62	358	6	7,661	355	46%	-24	-1		
417592 01-21-47	LANGWATER SIR ROYAL		5-67	27	2.63	19	2.1	7,920	4.57	362	10	8,118	381	61%	-182	-14		
417657 10-20-46	CROWN DUKE OF FERN	HILL.....	0-00	14	2.64	1	14.0	6,998	4.74	332	5	7,582	351	25%	-184	-6		
417818 11-13-47	COWAN FARMS KERNEL-S	IVAN.....	5-67	15	4.07	2	13.1	7,816	5.02	392	11	8,396	394	28%	-180	-1		
418650 10-21-46	LUXERIN GAY PAODY		0-00	9	1.11	1	9.0	8,590	4.45	382	2	7,609	366	18%	+145	+2		
419240 05-07-47	NORTHERN FOREMOST	BEACON.....	5-67	18	1.72	16	1.2	7,824	4.37	342	6	8,044	371	51%	-167	-17		
420232 10-19-46	DAIRYMAN PLAYFUL	PETER.....*	0-00	5	2.80	1	5.0	6,591	4.90	323	6	7,532	341	18%	-200	-4		

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		
NUMBER	NAME	OF	SULL	NO		REC / OAU	MILK			%	FAT	HERO	MATE	MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT
420849 02-02-48	MOON-S COMBINATION 335356 STATES 1-35	HY80Y.....*	980741 5-67	0	18	2.44	2	16.1	8,099	4.91	398	19	8,515	412	27%	-130	-3
421047 09-28-47	GRACE-S OUKE OF THE OAKS FARM. 335032 STATES 1-35	765288 0-00			10	1.50	1	10.0	9,062	4.83	438	3	8,115	378	20%	+167	+11
421269 12-24-47 STUO 35-03	MEADOW LOOGE KING THOMAS..... 367826 STATES 1-35	716285 5-67		0	41	3.27	5	27.0	8,978	4.51	405	8	8,553	395	38%	+138	+2
421372 08-23-47	MCKERROW-S LEVITY MONITOR..... 370248 STATES 1-35	728220 0-00		0	7	1.57	1	7.0	6,546	5.06	331	3	7,937	359	18%	-273	-5
421752 07-24-47	BUTTERFAT SNOWMAN..... 261884 STATES 1-35	698882 0-00		0	12	2.17	1	12.0	8,871	4.34	385	10	8,706	401	23%	+28	-4
421810 11-10-47	WEY ACRES LEVITY GAY BOY.....*	903925 5-67		0	14	2.43	2	12.1	7,036	4.86	342	11	7,768	370	26%	-225	-8
421819 04-22-47	MCOONALO FARMS HIS MORRY.....*	796209 0-00		0	6	1.50	3	3.0	7,499	4.75	356	8	7,762	376	21%	-83	-4
422873 01-02-48	BREEZE HILL ADMIRAL.....*	892948 0-00		0	5	1.00	1	5.0	7,668	4.72	362	6	9,042	462	14%	-187	-12
423028 01-15-48 STUO 35-03	NYALA PRINCE VICTOR.....*	972346 5-67		0	36	3.64	7	11.8	8,001	4.91	393	8	8,251	390	49%	-166	0
423149 02-25-48	GRANDVU ROYAL JUOGE.....*	851245 5-67		0	10	3.10	1	10.0	7,407	4.85	359	5	8,333	376	24%	-238	-4
423342 01-02-48	ROYAL ROMBER MASTERPIECE.....*	705602 5-67		0	12	3.92	2	7.5	8,689	4.97	432	7	8,627	419	30%	+3	+3
423505 02-13-48 STUO 35-03	CHEOCO CHAMPION.....*	679454 5-67			9	3.11	6	1.8	8,129	4.83	393	10	8,424	397	35%	-129	-2
423674 02-23-48	MEADOW LAWN COMET.....	727543 0-00			11	1.64	1	11.0	9,389	4.41	414	2	10,027	446	21%	-115	-6
423776 02-22-48	SENRA8-S LUCKY FORTUNE - TWIN.*	782314 5-67		0	33	1.91	1	33.0	8,553	4.38	375	9	8,682	394	27%	-46	-5
423826 04-28-47	KING-S NORMAN OF BRAUN FARM...	823038 0-00			8	1.00	1	8.0	5,342	5.07	271	7	5,557	266	20%	-111	-1
425507 11-27-47	ELDERBROOK ACME.....	625839 0-00		0	10	2.10	1	10.0	6,085	4.52	275	2	6,812	302	22%	-208	-8
425858 01-24-48	BURTON LANE THOR-S OTHELLO.....*	698895 5-67		0	14	1.29	4	7.5	7,026	5.18	364	5	6,724	317	28%	+17	+10
426151 04-29-48 STUO 35-02	CHEOCO CONQUEROR.....	739022 5-67		0	17	1.82	14	1.4	6,716	4.41	296	7	7,665	359	49%	-535	-34
426667 04-25-46	DOORVILLE PRINCE-S NOBLE.....	594791 0-00		0	8	1.63	1	8.0	6,529	4.56	298	2	8,328	382	19%	-351	-16
427522 12-24-47	SENRA8 KING OON.....*	941310 5-67		0	17	3.71	4	5.5	9,650	4.53	437	6	8,838	421	43%	+336	+6
427850 08-25-46	ELJEN GENTLEMAN.....	900146 5-67		0	10	2.10	1	10.0	6,791	4.42	300	4	7,147	315	22%	-119	-5
427906 06-06-46	GUNNING MEADOW BROOK CHALLENGE	825241 0-00			5	2.00	1	5.0	6,186	4.53	280	7	6,355	297	17%	-74	-4
427978 08-19-47 STUO 35-02	MCOONALO FARMS HIGH SKYLINE...*	821784 5-67		0	58	3.19	35	3.5	8,321	4.92	409	12	8,921	426	75%	-466	-13
428246 06-23-47	HILOENOR-S GAY LAO.....	596945 0-00		0	17	1.29	2	15.1	7,934	4.95	393	5	7,102	334	23%	+145	+11
428356 02-23-48	BLOSSOM-S MAJOR.....	725088 0-00		0	7	1.86	1	7.0	8,155	5.29	431	6	7,183	380	19%	+149	+9
428708 09-16-47	BIRCHWOOD-S RESOLUTE.....	665212 0-00		0	22	1.82	1	22.0	5,664	4.66	264	3	6,727	313	25%	-327	-14
430067 05-30-48	GLACIAL MEADOWS CORONET PRINCE...*	1103536 5-67			13	1.85	6	3.6	7,286	4.57	333	12	7,414	351	36%	-108	-9
430197 06-03-48 STUO 35-05	MEADOW LOOGE KINGMAKER.....	507023 5-67		1	96	2.97	52	2.7	8,800	4.58	403	9	8,693	410	84%	+51	-7
430265 09-30-47 STUO 35-02	EAGLE VALLEY DAISY-S HASSAN...	896579 5-67		2	105	2.97	57	2.5	8,802	4.92	433	10	8,668	410	86%	+73	+17

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRODUCTION
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	
430273 06-10-48 STUO 33-03	CURTISS CANOY 354224 STATES	SKYMASTER.....* 958812 5-67 5-32,33,35,47,51	0	14	2.00	8	2.7	8,613	4.61	397	6	8,823	416	40%	-96	-7
430360 09-05-47	SANOELL MANOR-S 252524 STATES	808.....* 740936 5-67 2-35,58		14	4.00	2	12.1	7,433	4.68	348	12	7,498	343	26%	-60	0
430878 01-20-47	GUERNVILLE G. 353890 STATES	NAPOLEON.....* 912854 0-00 1-35		5	2.00	1	5.0	6,664	4.79	319	7	7,037	339	17%	-98	-4
430950 03-12-48 STUO 35-05	BOULOER BRIOGE 354611 STATES	IMPERIALIST....* 718554 5-67 4-35,41,42,47	0	99	2.51	60	2.5	7,534	4.75	358	8	8,216	383	84%	-653	-25
431239 01-20-48	HILLCREST-S 247402 STATES	CHALLENGER.....* 598190 5-67 1-35	0	15	1.87	1	15.0	6,777	4.77	323	7	7,462	360	24%	-201	-10
432890 .....	..... STATES	.....* 5-67 1-35	0	29	2.10	1	29.0	7,964	4.77	380	10	9,403	418	26%	-364	-9
432899 06-22-48	WEY ACRES LEVITY LARRY.....* 278519 STATES	.....* 943197 1-63 1-35		6	2.83	2	3.0	8,518	4.45	379	3	8,076	378	25%	+82	0
432935 10-12-47 STUO 35-05	LANGVALLEY LEVITY PHILOSOPHER.* 344316 STATES	864522 5-67 11-16,23,35,41,43	2	79	3.49	50	2.0	9,019	4.81	434	13	9,021	425	83%	-12	+7
433221 07-25-48	GRANOVU ROYAL GALORE.....* 344748 STATES	.....* 938692 5-67 1-35	0	10	2.20	2	8.2	8,234	4.86	400	12	8,216	393	24%	-17	+1
433924 04-01-48 STUO 35-03	HAVEN HILL BAODER BOY.....* 341345 STATES	.....* 738725 5-67 1-35	0	15	2.40	7	5.8	7,747	4.49	348	5	8,099	368	37%	-169	-9
435223 09-05-48	GREENFIELD FANCIFUL LAOOIE....* 362239 STATES	.....* 705012 5-67 2-35,47	0	11	3.91	5	3.1	8,781	5.10	448	7	8,473	407	38%	+90	+14
435263 10-15-45	WINOY HILL FARM-S JUSTER.....* 257838 STATES	.....* 765285 0-00 1-35		7	3.57	1	7.0	7,874	5.09	401	7	7,810	388	21%	-14	+2
435893 11-17-48	CHEOCO COMET.....* 342626 STATES	.....* 870655 5-67 1-35	0	12	1.92	2	10.1	7,178	4.74	340	5	7,630	376	24%	-144	-9
435986 .....	..... STATES	.....* 5-67 1-35	0	20	2.75	2	14.9	8,848	4.81	426	10	8,857	407	31%	-11	+5
436268 11-16-47 STUO 35-02	IOEAL-S MARMION.....* 385126 STATES	.....* 950381 5-67 11-23,34,35,51,74	5	144	2.92	71	3.2	8,377	4.52	379	10	8,764	411	88%	-375	-29
436299 08-03-48	LANGMANOR O. ACE.....* 385085 STATES	.....* 601820 5-67 1-35		8	2.75	1	8.0	6,166	4.49	277	20	7,407	345	21%	-302	-15
436315 11-24-47	DAIRYMAN RAJAH.....* 356417 STATES	.....* 694573 5-67 1-35		5	4.00	1	5.0	7,693	5.03	387	3	7,106	371	19%	+72	+2
436433 06-25-48	VICTOR LAO OF PLEASANT VIEW...* 351172 STATES	.....* 907061 0-00 1-35	0	7	1.14	1	7.0	8,369	4.22	353	3	8,370	388	16%	-12	-5
436488 04-23-48	COVINGTON KING OF BLUE BOULOER* 317028 STATES	.....* 617388 5-67 1-35	0	9	5.89	2	7.2	9,218	4.44	409	8	8,341	380	28%	+224	+7
437627 .....	..... STATES	.....* 5-67 1-35		9	1.67	1	9.0	7,818	4.26	333	2	8,028	343	20%	-62	-3
438181 05-13-48 STUO 41-17	BOULOER BRIOGE FORERUNNER.....* 354611 STATES	.....* 893283 5-67 3-35,41,45	0	22	3.32	14	2.1	9,080	4.64	421	5	8,502	401	57%	+290	+9
439725 .....	..... STATES	.....* 0-00 1-35	0	8	3.25	2	6.2	8,868	4.80	426	4	8,491	420	25%	+78	+1
439839 .....	..... STATES	.....* 5-67 1-35		11	1.91	1	11.0	6,957	4.87	339	3	7,111	353	21%	-74	-4
440154 12-30-48	COWAN FARMS ARNOLO.....* 385195 STATES	.....* 722449 5-67 1-35	0	14	2.14	2	10.5	7,972	4.90	391	13	8,435	402	26%	-140	-3
440160 .....	..... STATES	.....* 5-67 1-35	0	9	1.56	1	9.0	6,661	4.64	309	6	7,616	334	19%	-214	-6
440498 01-11-49 STUO 35-02	ROSEBUO FARM CITATION.....* 364803 STATES	.....* 954147 5-67 3-35,42,72	7	64	2.84	37	3.0	9,093	4.39	399	10	9,027	423	77%	+41	-18
442618 .....	..... STATES	.....* 5-67 1-35		8	5.25	2	6.2	8,977	4.77	428	10	8,763	409	26%	+46	+4
442701 10-23-48	CHUM-S SAM.....* 387662 STATES	.....* 853538 0-00 1-35	0	8	3.25	1	8.0	7,134	4.68	334	8	7,186	340	22%	-54	-2
442992 .....	..... STATES	.....* 5-67 1-35	0	11	1.64	1	11.0	6,783	4.89	332	5	6,663	327	21%	-25	0

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			AVERAGES %	FAT	HEROMATE NO	AVERAGES MILK	OF SIRE SUMMARY			
442993	.....	0-00	0	7	1.14	1	7.0	6,429	4.68	301	2	7,388	349	16%	-184	-8
STATES 1-35																
443105	HERO-S HILARITY LAO.....*	02-21-49	0	7	2.00	1	7.0	7,817	4.12	322	6	8,920	405	19%	-213	-15
STATES 1-35																
443239	.....	5-67	0	7	1.43	1	7.0	8,026	4.76	382	5	7,588	357	17%	+48	+3
STATES 1-35																
443358	.....	5-67	0	8	2.38	2	4.0	6,708	4.71	316	4	7,056	329	27%	-148	-5
STATES 1-35																
443448	.....	0-00		6	2.67	1	6.0	10,289	4.65	478	4	10,382	509	19%	+6	-3
STATES 1-35																
444420	.....	5-67	0	9	4.89	1	9.0	7,080	4.79	339	5	7,094	355	24%	-52	-5
STATES 1-35																
445374	MABEL-S FASHION-S COLONEL.....*	12-05-48		7	3.00	2	5.2	7,349	4.93	362	13	8,198	395	23%	-216	-8
STATES 1-35																
445838	.....	0-00	0	11	1.64	1	11.0	7,667	4.64	356	6	7,886	374	21%	-70	-4
STATES 1-35																
446144	.....	0-00	0	7	2.29	1	7.0	6,273	4.26	267	7	6,837	299	20%	-158	-8
STATES 1-35																
446928	.....	0-00	0	7	2.86	2	5.2	8,565	4.48	384	7	8,978	418	23%	-98	-7
STATES 1-35																
447672	.....	0-00	0	6	3.00	1	6.0	8,554	4.66	399	15	8,446	400	20%	+7	0
STATES 1-35																
448488	ANNE-S FEATHERS.....	02-10-49		15	1.80	1	15.0	8,969	4.65	417	2	8,792	414	23%	+32	0
STATES 1-11																
448583	LOOKOUT VALLEY SUPER8 GLENCO...*	08-02-48	0	16	3.06	1	16.0	7,085	5.21	369	4	8,055	407	26%	-281	-10
STATES 1-35																
448601	SANFAOAIR ROYAL SIR.....*	07-02-49		9	2.44	5	2.1	8,232	4.40	362	6	7,986	364	33%	+43	-2
STATES 1-35																
449265	.....	0-00	0	5	1.00	1	5.0	6,768	4.60	311	7	6,940	325	14%	-52	-2
STATES 1-35																
449689	.....	0-00	0	6	2.50	1	6.0	8,921	4.25	379	6	8,695	393	19%	+34	-2
STATES 1-35																
450096	SENRA8 BLOSSOM-S PRINCE.....*	03-12-49	0	14	2.57	3	10.4	10,458	4.96	519	16	10,435	496	28%	+43	+8
STATES 3-35,41,47																
450926	PIER FARMS SIR EOWARO.....*	09-03-49	0	26	3.23	1	26.0	6,808	4.94	336	8	7,027	334	28%	-118	-1
STATES 1-35																
451747	U. W. MERRY 8 SIR LARRY.....	04-24-49	0	9	1.22	1	9.0	7,853	4.23	332	2	7,399	337	18%	+50	-2
STATES 1-35																
452055	GOLDS CRUSAIDERS MAGNET.....	06-01-47		6	3.67	1	6.0	8,038	5.35	430	4	8,058	418	21%	-26	+2
STATES 1-35																
452238	DEERSHORN IOELLA-S FOREMOST...*	05-15-49	0	33	3.76	7	10.8	8,547	4.57	391	13	8,524	410	50%	-19	-10
STATES 3-35,58,72																
452342	COOPER-S INSPECTOR LAO.....*	05-11-49	0	5	3.20	1	5.0	8,657	4.52	391	3	8,447	397	19%	+26	-1
STATES 1-84																
452644	KENMAX COUNTERFEITS LONNIE....	06-26-48		6	2.00	1	6.0	10,100	4.42	446	2	9,792	461	17%	+65	-1
STATES 1-82																
453164	GLENWATER GOLDEN DUKE.....	05-11-48		22	2.41	1	22.0	7,974	4.82	384	7	8,225	383	27%	-90	0
STATES 1-35																
453967	IDEALS SELECT.....*	01-28-49	5	63	2.84	48	1.8	8,894	4.82	429	16	9,220	438	80%	-253	-6
STATES 7-22,23,34,35,50																
454107	GREENFIELD SALOME-S LAODIE....	10-24-49	0	20	2.25	1	20.0	7,645	4.89	374	6	8,111	393	25%	-143	-5
STATES 1-35																
454155	LOOKWELL COUNT-S LAO.....	06-15-49		7	3.14	1	7.0	7,010	4.61	323	18	7,352	348	21%	-109	-6
STATES 1-35																
454675	TRAIL RIDGE CONQUEST STARLIGHT	08-10-48	0	12	2.33	1	12.0	8,693	4.50	391	4	8,508	405	24%	+28	-3
STATES 1-35																
454724	LAOY-S KNIGHT OF GUERNSEY VIEW	09-08-49		9	2.89	1	9.0	7,753	4.48	347	2	7,908	346	22%	-60	-1
STATES 1-35																

REGISTRATION					INC %	DAUGHTERS NO	REC / DAU	NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	REPEATABILITY OF SIRE		PREO OIFF MILK	FAT	
NUMBER	NAME	OF	BULL	MILK						%	FAT	HEROMATE MILK		AVERAGES	FAT			
455141	.....*			5-67	0	10	6.00	1	10.0	9,239	4.41	407	9	8,815	414	26%	+100	-1
	STATES	1-35																
455865	MELOOIE CYMBAL-S IMAGE.....*			0-00	0	5	1.20	1	5.0	7,062	4.38	309	3	8,122	367	14%	-165	-8
03-09-49	405270	910820																
	STATES	1-35																
455889	GOLOEN KNOLL GENERAL.....*			5-67	0	11	2.27	1	11.0	7,117	4.79	341	6	7,419	373	23%	-107	-8
07-25-49	321825	905305																
	STATES	1-35																
455951	.....*			5-67		5	1.40	1	5.0	8,239	4.82	397	6	9,010	431	15%	-114	-4
	STATES	1-35																
456848	TORREY FARM BELL 80Y.....*			5-67	0	10	2.90	2	6.8	7,793	4.58	357	7	7,775	367	26%	-30	-3
08-23-49	411796	835847																
	STATES	1-35																
457505	.....*			0-00		6	1.50	1	6.0	6,798	4.35	296	2	6,569	313	17%	-4	-4
	STATES	1-35																
457707	HI-HOPES S. M. CHUM.....*			0-00	0	10	1.90	1	10.0	8,130	4.58	372	4	8,458	385	21%	-81	-3
09-12-49	397861	868821																
	STATES	1-35																
458485	FREDELLA GOLOEN LUCKY.....*			5-67	6	49	2.45	26	4.4	8,996	4.57	411	9	9,143	430	69%	-100	-12
12-10-49	418637	926888																
STUO 35-05	STATES	3-35,41,42																
458643	R. LANE-S ROYAL 8LENO.....*			5-67	0	9	2.67	1	9.0	8,122	4.69	381	9	8,830	421	21%	-156	-8
10-18-49	405968	679151																
	STATES	1-35																
458669	TUCK-A-WAY PATRICK.....*			8-65	0	9	2.56	3	3.6	8,589	4.91	422	8	8,363	412	31%	+45	+2
08-10-49	391543	1047490																
	STATES	2-35,41																
459301	OUTLOOK HILL-S OYNAMO.....*			0-00	0	6	1.50	2	4.3	6,668	4.60	307	2	7,388	340	19%	-169	-7
10-24-49	338799	846569																
	STATES	1-35																
459302	OUTLOOK HILL-S OYNIMITE.....*			5-67		6	4.00	1	6.0	8,462	4.69	397	12	8,271	401	20%	+21	-1
10-24-49	338799	846569																
	STATES	1-35																
459424	VALLEYLAND CHARMER.....*			5-67	0	29	4.17</											

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF MILK FAT	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HERDMATE NO	MILK	FAT	%	%	%	
465700 03-21-50	LOOKOUT VALLEY M. 431720 1082465 STATES 1-35	FALCON.....*	17	3.06	1	17.0	8,913	4.89	436	4	8,774	414	26%	+26	+5		
468045 06-14-50	VISTA O-HEADS 349272 1085722 STATES 1-35	LEVITY LADDIE....*	0	11	2.18	1	11.0	7,558	4.78	361	4	7,252	335	22%	+25	+3	
468458 07-19-50	BOULDER BRIOGE 407865 1124088 STATES 1-35	ARCADIAN.....*	12	2.42	2	8.6	9,049	4.49	406	9	9,130	432	28%	-22	-6		
468788 07-09-50	HERN-S LEVITY 401625 521341 STATES 1-35	GARDNER.....*	0	10	2.30	1	10.0	6,872	4.29	295	4	7,137	344	22%	-102	-12	
469323 12-12-49	ROSENEATH PREDICTION.....*		15	3.87	1	15.0	7,377	5.31	392	7	8,022	401	27%	-201	-2		
469419 04-28-50	BLANCHE-S PRINCE CHARLES.....*		5	2.00	5	1.0	9,802	4.58	449	9	9,819	473	24%	+12	-4		
STUD 35-02	STATES 2-35,84																
469474*		0	6	1.00	1	6.0	3,838	4.77	183	4	6,528	299	15%	-433	-18	
	STATES 1-35																
469493 09-13-48	URBANDALE JUBILANT.....*		0	11	4.09	1	11.0	8,401	4.80	403	5	8,555	406	25%	-52	0	
	STATES 1-35																
470120	.....*		11	2.36	9	1.5	8,764	4.88	428	10	9,113	432	39%	-137	-1	
	STATES 3-35,41,47																
470438	.....*		24	3.75	1	24.0	7,351	4.67	343	13	6,975	320	28%	+44	+3	
	STATES 1-35																
471400 11-12-50	DANNY OF CLAYLAND FARM.....*		6	2.50	2	4.3	8,304	4.58	380	14	8,749	407	20%	-97	-5		
	STATES 1-35																
471599 09-10-50	LEE-S KING OF ROSEDALE.....*		7	1.43	1	7.0	7,436	5.04	375	2	8,417	396	17%	-176	-3		
	STATES 1-42																
471810 12-04-50	LIBERTY 8ELL PHILS APOLLO.....*		8	3.38	2	6.2	7,463	4.70	351	11	7,623	365	24%	-75	-4		
	STATES 1-35																
472739 02-09-51	DUNWALKE D. FOREMAN.....*		10	32	2.50	23	1.9	8,475	4.64	393	9	8,939	420	65%	-314	-18	
STUD 35-05	STATES 4-23,35,41,42																
472838*		0	7	1.00	1	7.0	5,957	5.07	302	4	7,204	360	16%	-224	-9	
	STATES 1-35																
472955 09-01-50	VERMILION HOPEFUL-S KING.....*		30	1.17	1	30.0	7,949	4.87	387	15	8,075	380	23%	-53	0		
	STATES 1-35																
473089 01-04-50	IDEALS GALLANT.....*		59	2.80	42	2.0	9,225	4.50	415	28	9,145	432	78%	+61	-13		
STUD 35-02	STATES 14-21,22,23,35,52																
473226 05-03-50	IDEAL-S CLEARMONT.....*		0	13	2.38	2	11.1	8,900	4.67	416	7	8,919	422	26%	-10	-1	
	STATES 1-35																
473428 12-21-50	SENRA8 BLOSSOMS PREDICTION....*		11	34	1.94	7	8.8	9,659	4.59	443	16	9,921	471	50%	-91	-11	
STUD 35-03	STATES 1-35																
474044 05-21-50	IDEALS WIZARD.....*		6	56	2.88	39	1.6	7,881	4.75	374	12	8,725	409	77%	-685	-28	
STUD 35-02	STATES 6-34,35,51,55,56																
474125 12-05-50	ROSEBUD FARM MILESTONE.....*		6	1.33	1	6.0	7,308	4.23	309	5	8,038	367	16%	-134	-9		
	STATES 1-42																
474279 01-06-50	EAGLE POINT LUCKY HERO.....*		0	15	2.33	1	15.0	7,120	4.41	314	10	7,278	348	24%	-81	-9	
	STATES 1-35																
474475 09-25-50	OUTLOOK HILLS BUSTER.....*		0	6	3.50	2	3.3	7,647	4.94	378	9	8,270	401	24%	-168	-5	
	STATES 1-35																
474616 11-14-50	GRANDVU MAYS COLONEL.....*		0	7	2.43	2	4.1	9,300	4.83	449	8	9,402	454	25%	-18	0	
	STATES 1-35																
474860	.....*		5	2.80	1	5.0	5,869	5.26	309	5	6,765	318	17%	-195	-3	
	STATES 1-35																
474861 10-15-49	ALLENWOOD DONUM.....*		0	8	2.75	2	6.2	6,778	4.65	315	4	6,619	324	24%	-21	-4	
	STATES 1-35																
475057 01-11-51	INDEPENDENT OF THE OAKS FARM..*		9	28	3.64	14	6.0	9,488	4.90	465	12	8,786	430	54%	+357	+18	
STUD 41-04	STATES 4-35,41,45,72																
475103 02-24-50	GUERNSEY GROVE P. MAXIM.....*		0	10	1.30	1	10.0	9,259	4.94	457	9	9,441	455	19%	-28	+1	
	STATES 1-35																
475776 02-12-51	GEORGE OF WILLOW VALLEY FARM..*		28	4.43	2	24.2	8,033	4.82	387	7	8,054	390	32%	-41	-1		
	STATES 1-35																

30

REGISTRATION				INC %	DAUGHTERS NO	REC / OAU	NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO OIFF	
NUMBER	NAME	OF	BULL						MILK	%	FAT	NO	MILK	FAT			MILK	FAT
476622	.....*		0-00		5	2.80	1	5.0	6,428	4.96	319	10	7,260	340	18%	-180	-4
	STATES	1-35															
477350	NAMREG JEWELER-S SEQUEL.....				13	1.23	6	4.3	7,840	4.60	361	8	8,267	383	32%	-164	-8
01-27-51	371893 660596 5-67																
	STATES	3-23,54,58															
477485	ROCK GARDEN-S R. 8ILLY.....	0			17	3.71	1	17.0	7,035	5.26	370	4	7,195	365	28%	-98	0
08-23-50	437390 1116121 5-67																
	STATES	1-35															
477745	RIEGELOALE MAXIMS 8ARON.....*				7	1.71	1	7.0	8,724	5.17	451	5	9,011	450	19%	-55	0
02-20-51	331696 803233 5-67																
	STATES	1-63															
478314	MURIELOALES ESQUIRE.....				5	2.80	1	5.0	7,376	4.50	332	6	8,240	380	17%	-158	-8
01-04-51	403475 665803 8-62																
	STATES	1-35															
478641	COWAN FARMS LAIRO-S 88EL.....				19	3.74	2	12.6	9,058	4.52	409	13	8,783	419	34%	+82	-3
01-24-51	333764 1155164 0-00																
	STATES	1-35															
478868	HOMINY HILL OEAN.....				15	3.07	2	13.1	8,756	4.44	389	7	8,944	428	27%	-55	-10
05-12-51	431647 1144944 5-67																
	STATES	2-35,41															
479047	W000 LOOGE OUSTY.....	0			6	1.33	1	6.0	7,191	4.20	302	5	9,097	430	16%	-307	-20
01-16-51	348783 1127986 8-62																
	STATES	1-35															
479498	CUTHBERT FARM OEXTER.....				12	1.58	1	12.0	8,700	4.78	416	3	9,570	457	21%	-173	-7
01-09-51	347626 1124024 5-67																
	STATES	1-41															
479909	.....*		5-67		9	1.44	1	9.0	8,647	4.48	387	5	8,310	384	19%	+47	0
	STATES	1-35															
480570	ARVELLA-S ACTOR-S ROSE OUK....*	0			9	4.89	6	1.6	9,307	4.59	427	12	9,074	431	39%	+89	-1
05-18-51	438326 1097012 5-67																
	STATES	2-33,35															
480646	LOOKOUT VALLEY SIR RICHARD.....*				10	2.80	2	6.8	11,019	4.79	528	18	10,427	496	26%	+186	+10
06-13-51	417972 869933 5-67																
	STATES	1-35															
481411	.....*		0-00		7	2.29	1	7.0	10,167	3.89	395	2	8,596	411	20%	+300	-3
	STATES	1-35															
481953	GOLDEN GRANGE IOEAL CANOOR.....	0			69	2.87	47	1.8	8,578	4.91	421	9	8,669	408	81%	-112	+8
04-01-51	424343 980727 5-67																
STUO 35-05	STATES	6-31,32,35,41,42															
482771	.....*	0	5-67		9	4.22	1	9.0	8,833	4.36	385	11	9,204	426	24%	-86	-9
	STATES	1-35															
482945	MERRYMAKER-S PETER.....				5	2.00	1	5.0	7,691	4.51	347	5	7,295	340	17%	+36	0
08-08-51	438268 1185046 8-62																
	STATES	1-35															
483172	.....*	0	0-00		8	2.38	1	8.0	7,941	4.86	386	6	8,430	395	20%	-114	-2
	STATES	1-35															
483427	STONEHURST TIMOTHY.....	0			11	1.55	1	11.0	6,389	4.52	289	5	6,523	304	20%	-80	-5
11-05-50	415010 968669 0-00																
	STATES	1-35															
483679	WEY ACRES 8-S SUPREME.....	0			17	2.88	2	12.0	8,522	4.62	394	2	8,390	394	31%	+17	0
06-13-51	448633 741591 8-62																
	STATES	1-35															
484600	.....*	0	0-00		6	1.00	1	6.0	10,082	4.28	432	447	10,448	462	15%	-34	-3
	STATES	1-85															
485562	BREEZE HILL PRIOR KING.....	0			11	2.64	1	11.0	8,888	4.62	411	7	8,953	435	22%	-18	-4
04-10-51	338467 777483 5-67																
	STATES	1-35															
487731	.....*		0-00		5	2.00	1	5.0	7,446	5.18	386	4	7,785	378	17%	-78	0
	STATES	1-35															
488812	ELMOALE HER8.....	0			15	2.40	1	15.0	8,030	4.55	365	7	8,615	404	24%	-152	-9
04-16-51	402420 1118749 0-00																
	STATES	1-35															
489085	.....*	0	5-67		10	1.10	1	10.0	6,770	5.05	342	1	7,557	366	18%	-171	-5
	STATES	1-35															
489293	OLLY-S GOLDEN MAJOR.....*	0			9	1.00	1	9.0	6,097	4.58	279	2	6,329	309	17%	-87	-6
04-18-51	442354 875184 5-67																
	STATES	1-35															
489351	BREEZE HILL TOPSY PRINCE.....*	0			14	3.71	1	14.0	9,764	4.95	483	9	10,060	477	26%	-52	+3
09-30-51	354073 1005732 5-67																
	STATES	1-35															
489360	IOEAL-S MIMIK.....				39	2.28	32	1.5	8,226	4.79	394	17	8,800	417	70%	-426	-16
06-25-50	438326 866846 5-67																
STUO 35-02	STATES	6-16,34,35,52,74															
489426	ALGOMA FARMS MAJOR OAN.....	0			8	1.50	1	8.0	8,393	4.33	363	2	8,448	402	18%	-22	-7
12-13-51	439085 695990 0-00																
	STATES	1-35															
489757	.....*	0	0-00		16	3.63	1	16.0	10,811	5.03	544	4	11,141	529	26%	-33	+6
	STATES	1-35															

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
490033	CHUM-S GEORGIE.....	20	18	2.28	2	16.1	8,989	4.53	407	11	9,861	445	27%	-214	-9		
02-22-52	387662	853538	5-67														
	STATES	2-35,41															
490183	WILLIAMS OAN OF LONE ELM FARM.	0	10	3.80	1	10.0	8,556	4.98	426	12	8,874	417	25%	-85	+2		
11-16-51	412336	1048086	5-67														
	STATES	1-35															
491055	WECCO-S TRAVELLER.....*		8	4.25	2	6.2	9,762	4.70	459	10	9,652	453	25%	+40	+2		
07-03-51	430543	1111557	5-67														
	STATES	2-35,41															
491056	WECCO-S TRIUMPH.....*	13	19	2.68	1	19.0	9,513	4.66	443	7	9,668	448	26%	-25	0		
02-17-52	468506	1358090	5-67														
	STATES	1-35															
492453	CONOVER-S ANITA JERICHO.....	7	22	2.23	11	4.0	7,844	4.47	351	12	8,217	375	50%	-230	-1		
04-20-52	401813	803917	5-67														
STUO 35-04	STATES	3-34,35,42															
492875	OUTLOOK HILL-S ROMANCER.....*	0	14	5.21	1	14.0	8,539	4.44	379	6	8,322	375	27%	+36	0		
12-17-51	462468	1154204	5-67														
	STATES	1-35															
492894	HOMESTEAD VERLA-S SHEIK.....	0	6	3.33	1	6.0	9,441	4.49	424	4	8,858	418	20%	+112	+1		
01-03-52	297851	945230	8-62														
	STATES	1-35															
492980	GUERNSEY GROVE P. NOBLE.....	0	19	4.11	2	17.1	10,321	4.83	499	8	9,925	488	29%	+139	+5		
02-25-52	391219	717836	5-67														
	STATES	1-35															
493190	MINIBORYA A. MAJOR.....*		16	1.63	4	7.3	8,870	4.63	411	9	8,580	397	33%	+76	+3		
03-29-52	390942	1064265	5-67														
	STATES	1-52															
493274	NEW HOPE FASCINATOR-S LEADER..*	0	28	2.82	1	28.0	7,567	4.49	340	8	7,796	371	28%	-100	-9		
01-21-52	371457	1002851	5-67														
	STATES	1-35															
494519	QUINCY CAVALIER-S GAY LARK....*	10	75	2.15	41	2.6	8,764	4.84	424	17	8,463	394	79%	+184	+20		
04-27-52	448935	1079035	6-67														
STUO 63-01	STATES	5-33,52,58,61,63															
494817	VILLAGE VIEW SUNBEAM-S PAT....*	0	9	2.22	1	9.0	7,996	4.69	375	5	8,151	387	21%	-53	-3		
03-18-52	422261	993563	5-67														
	STATES	1-35															
494960	FAR VIEW JOHNNY BOY.....	0	12	3.58	1	12.0	8,146	4.47	364	11	7,672	356	25%	+80	0		
07-26-52	319210	984004	5-67														
	STATES	1-35															
495145	.....*		5	1.40	2	3.4	7,999	4.04	323	53	7,985	371	17%	-16	-8	
	STATES	2-55,58															
495258	UWHARRIE R-V ROYALTY.....*		5	2.40	3	2.2	6,323	4.57	289	29	7,331	332	22%	-264	-11		
06-05-52	427856	870454	11-63														
	STATES	2-55,56															
495562	SHAQY KNOLL PRINCE.....		6	2.50	1	6.0	6,532	4.38	286	18	7,812	342	18%	-252	-11		
01-25-52	344841	1001205	3-64														
	STATES	1-21															
495616	SNOWFLAKE-S CHRISTOPHER.....		7	3.29	1	7.0	9,672	5.04	487	6	9,883	490	21%	-28	+1		
05-12-50	349272	1059895	8-63														
	STATES	1-35															
495720	GUERNSEY GROVE P. SUPREME.....*	0	5	4.00	2	3.4	8,119	4.93	400	5	8,895	397	22%	-179	0		
03-01-52	391219	744793	11-63														
	STATES	1-35															
495936	OSTY OF EVERGREEN MOUNO.....	0	10	4.40	1	10.0	7,243	4.80	348	6	7,619	377	25%	-133	-8		
09-19-50	311574	785458	5-67														
	STATES	1-35															
496182	CLAYLANO PRINCE.....		20	1.90	2	10.1	8,022	4.70	377	13	8,845	410	35%	-295	-11		
09-03-48	296283	544980	5-67														
	STATES	1-35															
496290	OUNWALKE R. GALAHAD.....	3	50	2.70	37	1.6	8,183	4.62	378	9	8,298	388	76%	-150	-10		
06-16-52	340083	922297	5-67														
STUO 35-05	STATES	4-33,35,41,42															
496489	MOON-S AMBASSADOR CHIEF.....*	0	15	1.93	4	4.2	8,202	5.01	411	13	9,225	436	38%	-386	-9		
04-24-52	393031	474330	5-67														
	STATES	1-35															
496490	MOON-S LEVITY CHUM.....*	0	25	3.44	6	6.9	9,135	4.71	430	12	9,069	433	49%	+28	-1		
05-02-52	354224	723177	5-67														
	STATES	1-35															
498270	SPRING RIOGE HOMER.....*	15	25	3.00	1	25.0	8,091	4.73	383	12	8,352	410	28%	-95	-7		
05-01-52	382418	700798	5-67														
	STATES	1-35															
498659	SENRA8 P. COUNT.....*	3	50	2.46	22	8.9	9,484	4.74	450	15	9,782	469	61%	-142	-9		
09-22-51	450096	887293	5-67														
STUD 35-02	STATES	2-35,48															
498865	YULE LANE CHUM-S ROYAL.....		6	1.83	2	4.3	9,266	4.60	426	10	9,234	438	20%	+8	-1		
11-10-52	387662	952299	3-64														
	STATES	2-35,41															
498877	MAJOR OF GLEN FLORA.....		14	3.00	2	8.2	9,016	4.45	401	6	8,248	391	32%	+217	+2		
05-07-51	465385	1257625	5-67														
	STATES	1-35															
499251	FERN HILL JAVELIN	0	11	3.00	1	11.0	7,316	5.32	389	3	8,151	408	24%	-227	-4		
07-02-52	461377	873320	5-67														
	STATES	1-35															
499361	IOEAL-S TRIXIE-S LAODIE.....*	0	17	3.35	11	2.5	8,733	4.72	412	12	9,293	435	51%	-277	-11		
06-13-52	337786	950471	5-67														
STUO 35-02	STATES	3-33,35,72															

32

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	OFF MILK	FAT
499457 07-08-52	WIL-OEAN-S 361559 STATES	JOHNNY.....	848837 1-35	0	17	3.88	3	7.1	8,295	4.86	403	5	8,803	419	39%	-210	-6
499513 08-15-52	LOCUST GROVE 428869 STATES	MERIT-S STEAOFAST*	1167690 3-23,82,92		32	1.81	7	18.3	9,923	4.49	446	14	9,360	437	35%	+204	+3
499892 10-16-52	H1-Y RESOLUTE-S 410998 STATES	MASTER.....*	1348681 1-35		5	4.00	2	3.4	8,724	5.15	449	7	9,648	459	22%	-187	-1
500170 07-11-51 STUO 35-02	IOEAL-S SHIRMAN.....		1193761 4-21,33,34,35	0	57	3.26	39	1.7	8,783	4.66	409	11	8,740	416	78%	+1	-6
500172 11-11-51 STUO 35-02	IOEAL-S CHALLENGER.....		400640 5-14,34,35,51,56	2	117	2.68	59	3.3	8,110	4.73	384	11	8,696	410	86%	-539	-2
500290 11-27-52	MCOONALO FARMS 336450 STATES	FORE SELKIRK...*	855513 1-23		11	1.27	3	7.5	7,637	4.94	377	14	8,267	390	23%	-166	-3
500303 08-10-52	PINECREST ACRES 441304 STATES	GENERAL.....	1032050 1-35	13	21	3.29	1	21.0	8,143	4.97	405	9	8,143	409	27%	-27	-1
500552 10-22-52	DEERSHORN GUARO.....		1235488 1-35	0	26	4.04	2	24.0	9,867	4.63	457	11	9,535	441	31%	+113	+5
500570 STATES	.....*		0-00 1-55		6	1.50	2	3.3	8,037	4.90	394	14	7,575	368	20%	+60	+4
500673 08-24-52	PENNY OON CAESAR.....*		944515 1-35		5	2.00	1	5.0	8,038	4.93	396	13	8,953	439	16%	-150	-6
500744 10-20-52 STUO 35-05	COLOSPRING-S 346696 STATES	8. R. AMBITION...*	986804 3-35,41,42	0	13	3.08	11	1.3	8,505	4.71	401	10	8,987	423	46%	-230	-10
500866 12-02-52	BROINLA KING.....		1005650 1-35	0	6	1.50	1	6.0	7,719	4.99	385	7	7,673	407	17%	-16	-3
500875 10-03-52	THATCHER FARMS 354073 STATES	EODY.....	832037 1-35		10	1.90	1	10.0	8,741	4.84	423	4	8,953	436	22%	-49	-2
501049 11-06-52	BRIOGIT-S 808 472094 STATES	OF ROCKY LANE...	996852 1-35		9	4.33	1	9.0	9,674	4.39	425	8	8,746	405	23%	+208	+4
501064 01-08-53	GEREO RHEBA-S 444418 STATES	MICHAEL.....	1131040 1-35		6	2.00	1	6.0	8,934	4.69	419	11	9,426	436	18%	-84	-2
501148 08-20-52	RAE-MAR MASCOT-S 473434 STATES	GARY.....	1194588 1-42		9	3.11	1	9.0	7,174	4.49	322	6	7,478	357	23%	-107	-9
501218 09-20-52 STUO 35-02	GOLDEN GRANGE 424343 STATES	IOEAL RAQAR.....*	1103034 7-31,32,33,34,35	10	59	2.71	45	1.6	8,663	4.61	399	12	8,879	416	79%	-190	-14
501300 09-13-52	MCKERROW-S 433384 STATES	AMBITION.....*	725843 1-35	4	31	4.39	4	16.9	9,558	4.57	437	12	9,178	434	42%	+160	+1
501302 12-25-52	C088LE CREEK 451592 STATES	LAD-S RUOOLPH....	969095 1-35	0	10	4.90	1	10.0	9,331	5.10	476	17	9,420	474	25%	-15	+1
501494 09-03-52	WERN-S LEVITY 388956 STATES	PERFORMER.....*	915514 1-35		16	3.25	1	16.0	9,082	4.78	434	8	9,164	437	26%	-20	0
501601 01-17-53	GREENFIELD ROYAL 468122 STATES	PHILIP.....	1038560 1-35	0	47	3.40	3	34.8	8,013	4.77	382	12	8,082	381	36%	-63	-1
501856 02-15-53	ESKOALE MASTERFUL-S 431378 STATES	TRIUMPH...*	886425 2-35,47		18	2.83	6	8.4	7,771	4.79	372	6	8,101	386	37%	-159	-6
502104 01-05-53	CRESTWOOD 467223 STATES	ILLUSTRATOR.....*	1272323 1-41	0	8	6.25	1	8.0	7,638	5.17	395	6	8,043	393	24%	-125	0
502339 09-27-52	SAOIE-S HANSOM OF 432556 STATES	8IG ELM.....*	1080865 2-35,41		5	1.80	3	2.2	7,866	4.84	381	9	7,334	345	21%	+74	+6
502401 10-27-52	GRANDVU MEL SECRET.....		1047907 1-35		6	2.50	2	4.3	7,089	5.06	359	18	7,696	368	21%	-156	-2
502473 11-02-52	8OMB8R-S CHRIS.....*		1366713 1-35	0	9	4.78	3	4.5	8,819	5.07	447	7	9,371	455	32%	-170	-1
503133 02-28-53	KUMTZOALE P. LEON.....		1103346 1-35		12	3.17	1	12.0	7,896	5.40	426	12	8,276	401	24%	-112	+5
503305 11-23-52	SPRUCE LANE-S 474469 STATES	DON.....	1073529 1-35	0	11	1.73	1	11.0	5,840	4.57	267	4	7,320	327	21%	-347	-14
503379 01-09-53	COULEE COUNTRY 474684 STATES	JETHRO.....	1222730 1-35	0	14	3.57	3	7.0	7,643	4.61	352	15	8,126	390	35%	-202	-14

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRODUCTION OFF MILK FAT	
NUMBER	NAME	OF BULL	REC / OAU		NO	MILK			%	FAT	HEROMATE NO	MILK	FAT	FAT	MILK	FAT	
503985 04-20-52 STUD 41-04	MORGERT-S 441166 STATES	SCOTSMAN..... 844804 2-35,41	5-67	13	1.62	3	9.4	8,277	4.78	396	11	9,080	424	26%	-207	-7	
504051 01-30-53	TUCK-A-WAY HORNET..... 460856 STATES	853853 1-35	0-00	22	1.68	2	20.0	10,108	5.18	524	2	9,847	470	26%	+86	+15	
504467 02-13-53	PRAIRIE VIEW-S H. NOBLE..... 430265 STATES	1223999 2-33,72	5-67	4	1.05	4	16.1	8,872	4.66	413	60	9,206	425	37%	-120	-4	
504757 01-27-53	WOODSIDE HOPE-S BRUCE..... 367978 STATES	999250 1-35	5-67	6	2.50	5	1.3	9,385	4.67	438	8	9,000	423	28%	+102	+4	
505033 STATES	..... 2-35,41	0-00		8	3.38	3	4.7	9,841	4.82	474	8	9,849	466	27%	+17	+3	
505596 02-26-53	GREENFIELD MEMOIR-S LAOUIE.... 468122 STATES	879501 1-35	5-67	0	13	3.92	2	11.1	8,511	5.04	429	5	8,327	417	28%	+28	+3
505986 01-15-53	FOX-S CHAMP OF WAUKESHA..... 402279 STATES	921052 1-35	8-62	0	6	2.50	1	6.0	5,905	5.23	309	4	6,772	320	18%	-199	-3
506039 07-15-53	EOISTO FARMS F.H.G. NOVEL..... 420373 STATES	753128 2-55,56	5-67	7	2.14	2	5.2	7,998	4.34	347	5	7,857	358	22%	+2	-3	
506115 05-28-52	LUCERO-S TOWNSMAN..... 407865 STATES	1103600 1-35	5-67	20	9	3.44	1	9.0	6,972	4.83	337	3	7,860	364	22%	-225	-7
506735 05-12-53	RIOGEWAY CANDY BOY..... 433384 STATES	1289941 1-35	8-62	0	5	3.40	1	5.0	10,139	4.48	454	5	9,222	432	19%	+178	+4
506907 STATES	..... 1-91	0-00		6	1.00	1	6.0	9,137	5.09	465	8	9,088	446	15%	+6	+3	
506918 04-28-53 STUD 34-01	LAKE LOUISE ROSE HOLLISTAR.... 288632 STATES	1076367 11-23,33,34,50,56	6-67	8	175	2.21	80	5.2	9,649	4.94	477	25	9,640	461	87%	+50	+16
507006 07-09-53	DAIRYMAN GOODLIKE..... 459868 STATES	1176471 1-35	5-67	9	16	3.31	1	16.0	6,930	5.08	352	5	7,631	393	26%	-222	-11
507010 09-29-53	LUXERIN MATCHLESS VICTOR..... 435352 STATES	1156656 1-35	5-67	23	2.17	1	23.0	7,084	4.76	337	13	7,140	332	26%	-66	0	
507035 08-27-52	HELENOALE GENERAL..... 401801 STATES	985558 1-35	5-67	0	15	4.33	3	8.7	9,036	4.52	408	19	9,342	441	34%	-98	-10
507113 08-30-53	OAK HOLLOW SUPER SATELLITE.... 473225 STATES	1302103 1-35	8-63	17	6	2.50	1	6.0	7,939	4.87	387	7	8,067	373	19%	-43	+1
507181 05-12-53	OIVIOEO ACRES 808..... 426820 STATES	1313662 1-35	8-62	0	5	2.60	1	5.0	8,507	4.55	387	6	8,325	380	17%	+17	0
507274 07-29-53	MONARCH-S FAITH-S MASTER..... 484076 STATES	1342439 1-35	5-67	0	17	4.24	2	15.1	10,114	4.98	504	12	9,199	450	29%	+269	+16
507354 07-11-53	GREEN NEEDLES HI CHIEF..... 488445 STATES	877222 1-35	5-67	26	2.23	3	11.0	9,047	4.37	395	11	8,516	384	40%	+188	+2	
507813 07-05-53	CRESTMWOOD INVADOR..... 467223 STATES	1293282 3-35,41,47	5-67	0	13	5.38	3	8.0	10,481	4.66	488	11	9,709	484	33%	+275	+3
508060 10-22-53	MONARCH-S DAIRY VICTOR..... 444056 STATES	857504 2-13,35	5-67	13	3.31	4	4.8	8,394	4.66	391	15	7,880	373	37%	+142	+4	
508086 11-07-53	CRAIGWAY CURTISS GOROON..... 454483 STATES	1391508 3-35,41,42	5-67	28	23	1.61	18	1.5	8,633	4.92	425	8	9,015	423	56%	-220	0
508182 11-17-53 STUD 93-05	KENMAX APACHE-S LOT..... 399017 STATES	824927 5-33,35,72,82,93	5-67	6	20	1.60	13	2.1	9,081	4.64	421	13	9,503	435	50%	-193	-6
508513 01-02-54	LOOKOUT VALLEY M. FAMOUS..... 431720 STATES	1082465 1-35	5-67	0	14	4.00	2	8.2	9,096	5.06	460	12	9,721	444	33%	-185	+6
508673 STATES	..... 1-32	0-00		5	3.20	3	2.2	10,354	4.58	474	8	8,967	415	23%	+320	+13	
508809 09-18-53 STUD 34-01	LOCKSHORE MAXIM LOCHINVAR..... 474442 STATES	1152177 4-32,33,34,35	6-67	15	169	1.79	72	10.4	9,177	4.84	444	20	9,963	474	81%	-571	-20
508966 05-18-53	MONARCH-S LEVITY CURT..... 433384 STATES	496731 1-35	5-67	0	8	4.00	1	8.0	6,572	4.70	309	16	7,322	338	23%	-213	-8
509648 10-28-53	GUERNSEYOALE LANIS..... 483682 STATES	1027871 1-35	0-00	0	5	1.20	1	5.0	9,252	4.47	414	2	8,555	353	14%	+91	+8
510014 04-29-53 STUD 93-10	HAZELWOOD HIGH ZENITH..... 452071 STATES	764787 1-93	6-67	2	71	2.99	7	25.0	11,890	4.57	543	17	11,162	521	52%	+481	+16

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL	REC / OAU		MILK	%			FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
510456 03-11-54	PINEHURST QUOE- 452551 832554 STATES 2-35,85	S JONAH.....*	4	25	2.32	5	7.6	7,878	4.65	366	29	8,319	390	45%	-233	-12	
510634 12-19-53 STUO 51-02	FAIRLAWN K. FORTUNE.....* 297107 1265185 STATES 18-16,22,23,51,54	6-67	9	243	1.54	117	4.9	9,961	4.64	462	25	9,654	461	90%	+320	+3	
510893 10-10-53	DONNA MARIE ALEXANDER.....* 474933 1156350 STATES 1-92	5-67	0	10	2.70	4	3.6	8,608	5.24	451	37	8,982	447	33%	-128	+2	
511288 11-02-53	FORESTER-S PATSY PRINCE.....	408568 1262387 STATES 1-35	0	9	4.22	1	9.0	6,732	4.50	303	13	7,102	323	24%	-136	-6	
511289 12-03-53	REX OF OEWEY VALLEY.....	400613 1392934 STATES 1-35		6	2.00	1	6.0	9,439	4.49	424	13	8,797	426	18%	+109	0	
511435 02-18-54 STUO 61-02	HOMINY HILL GAGE.....*	453762 1037559 STATES 5-23,31,34,74,84	14	181	1.81	58	4.9	9,594	4.58	439	11	9,371	436	88%	+214	+3	
511521 04-05-53	CO88LE CREEK LAD-S PETE.....	451592 1420466 STATES 1-35		7	3.86	1	7.0	7,666	4.93	378	11	8,348	398	20%	-155	-4	
511835 11-04-53	OEWEY VALLEY TIMM.....*	376428 1309778 STATES 1-35	0	7	5.14	2	5.2	9,170	4.93	452	13	9,523	457	26%	-81	0	
511945 02-03-54	GUERNSEY GROVE V. FRITZ.....	490721 1097913 STATES 1-35	8	24	2.63	1	24.0	9,565	4.91	470	10	9,985	494	27%	-89	-4	
512091 07-11-53	ODRS OICK OF WOODCREST.....	450727 1513842 STATES 1-35		6	3.00	1	6.0	8,216	4.59	377	7	9,128	423	20%	-186	-9	
512281 05-24-53 STUO 72-01	GOLOEN GRANGE P. CORPORAL.....*	463332 1263988 STATES 9-31,32,43,61,72	7	103	1.49	35	16.3	9,074	4.74	430	40	9,254	427	64%	-107	+1	
512560 03-22-54	FAHRNWALD-S ARNOLO-S LAO.....	440154 1382435 STATES 1-35	40	6	2.50	1	6.0	9,048	4.63	419	11	8,796	402	19%	+40	+3	
514747 10-05-54 STUO 35-75	NORTHERN CONRAO-S COUNT.....*	301376 779892 STATES 20-12,31,32,55,58	13	181	1.25	90	3.7	9,347	4.70	439	18	9,783	460	87%	-325	-15	
514802 04-18-54	HILLOALE DOMINATOR.....	421254 1302833 STATES 1-41		11	1.09	3	4.8	9,342	4.72	441	3	8,863	419	27%	+120	+5	
515567 04-16-53	ROCK MOORS KINGS ROCKY.....*	416226 987884 STATES 2-35,57	23	33	1.79	3	27.4	8,601	4.94	425	13	9,617	462	29%	-279	-9	
515626 11-05-54	RIVER-S 8ENO ROCKY.....	486845 1191081 STATES 1-35		5	3.40	1	5.0	10,811	4.68	506	7	10,029	477	18%	+157	+6	
515706 02-12-54	LUXERIN MATCHLESS PHILOSOPHER.	435352 1309943 STATES 1-35		8	3.13	2	4.2	8,767	4.95	434	14	9,037	415	28%	-78	+5	
515718 11-12-54 STUO 63-01	HENSLEE FARMS O FORWARD.....*	426335 1010804 STATES 1-63	0	38	1.89	10	10.0	8,705	4.51	393	22	8,833	411	50%	-79	-9	
516312 07-15-54	TARBELL BRILLIANT ROSARIO.....	476952 966962 STATES 1-35		6	3.17	1	6.0	7,726	4.32	334	3	7,754	363	20%	-33	-6	
516705 07-19-54	THATCHER FARMS 8RANOO.....*	378211 1090846 STATES 1-35	0	16	4.06	2	12.5	9,883	4.94	488	16	9,462	474	31%	+141	+6	
517109 11-06-54	SENRA8 COUNT ROAMER.....*	498659 1344199 STATES 1-35	0	11	1.91	4	3.1	9,027	4.73	427	16	9,132	431	33%	-35	-1	
517965 09-26-54	8ROCKWELL P O MANOR.....*	500854 1170055 STATES 3-84,91,92		12	1.58	5	3.6	9,096	4.84	440	13	9,461	458	33%	-109	-4	
518026 12-12-54 STUO 35-21	MCOONALO FARMS MISTER VIRGIL..*	488786 958368 STATES 5-33,34,35,42,85	8	158	2.06	68	4.0	10,155	4.66	473	16	9,602	451	87%	+522	+21	
518140 12-25-54	ROSEBUO FARM MCFORCASTER.....	493169 1018630 STATES 1-35	17	6	2.83	2	4.3	9,286	4.10	381	18	9,190	427	21%	+21	-9	
518163 01-26-55	ESKOALE MASTERFUL-S VALIANT...*	431378 1082262 STATES 1-35	14	11	2.36	1	11.0	7,139	4.80	343	12	8,430	398	23%	-307	-12	
518166 10-07-54	ROYAL ACRE-S GAY-8OY.....	341503 1231183 STATES 1-35	0	17	3.94	1	17.0	9,143	4.90	448	6	9,383	436	27%	-58	+3	
518176 11-18-54	ELMWOOD 8NEOICT.....*	428643 781603 STATES 1-42	20	7	2.57	2	5.2	10,061	4.39	442	8	9,696	461	23%	+95	-3	
518316 03-07-54 STUO 35-05	CAUMSETT ENSIGN.....*	387105 1027446 STATES 1-35	6	19	2.37	15	1.4	7,599	4.68	356	11	8,410	393	54%	-479	-21	
518456 03-01-54 STUD 35-02	IOEAL-S SUPER8.....*	448080 817575 STATES 6-21,31,34,35,52	7	27	2.63	21	1.7	9,533	4.66	444	16	8,747	412	62%	+459	+18	

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED
NUMBER	NAME	OF BULL	%		NO	REC / OAU			MILK	AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT
518612 08-12-54 STUD 35-02	CLOVER-DAKS ROYAL CITATION.....*	7	45	2.02	28	3.0	7,730	4.80	371	16	9,051	420	69%	-914	-34	
	438330 801311 5-67															
	STATES 2-35,71															
518711 .....	.....*		5	1.00	2	3.4	9,580	4.55	436	15	8,336	407	16%	+181	+4
	STATES 1-32															
518822 01-11-55	SANFAIDAR ROCKET PERICLES.....*	0	32	2.47	1	32.0	7,772	4.55	354	9	7,936	366	28%	-79	-4	
	466020 1157067 5-67															
	STATES 1-35															
518957 .....	.....*		5	1.60	1	5.0	7,253	4.62	335	10	7,449	341	16%	-57	-1
	STATES 1-31															
519213 12-02-54	TOMA FASCINATOR.....		9	2.44	1	9.0	8,425	4.43	373	2	8,906	408	22%	-109	-7	
	437283 1470607 5-67															
	STATES 1-35															
519280 11-18-54	LAOYS CURTISS OF EXCELSIOR.....*	0	5	4.80	1	5.0	8,006	5.17	414	18	9,579	441	20%	-307	-4	
	454224 1115219 8-62															
	STATES 1-35															
519475 03-02-53	R08INLAWN SERENES GENERAL.....*		5	1.20	3	1.8	6,109	4.96	303	7	7,004	335	19%	-212	-7	
	352763 871753 0-00															
	STATES 2-51,52															
519624 02-01-55	DUTCH MILL LEVITYS AUGUST.....*		5	1.40	2	3.4	7,938	4.41	350	9	9,082	404	17%	-198	-9	
	433384 1267582 8-66															
	STATES 2-35,51															
519636 10-16-54 STUD 61-02	MCDONALD FARMS JOLLY VICAR.....*	1	179	2.35	81	4.1	8,803	4.92	433	10	9,075	434	89%	-247	0	
	439587 1293104 6-67															
	STATES 7-32,33,35,41,43															
519717 01-08-55 STUD 35-75	WOODACRES R L CANAOIAN.....	20	46	1.04	34	1.6	7,818	4.87	381	19	9,214	435	68%	-946	-36	
	502634 838045 6-67															
	STATES 14-33,35,41,65,93															
519718 11-18-54	BIG ELM WARRIOR.....	0	9	3.33	1	9.0	9,275	4.49	416	13	9,392	414	22%	-20	0	
	375262 1080862 5-67															
	STATES 1-35															
519845 .....	.....*		5	3.20	1	5.0	7,865	4.48	352	25	9,016	427	19%	-216	-13
	STATES 1-35															
519978 .....	.....*		5	2.20	2	3.4	8,904	5.48	488	17	8,946	419	19%	-11	+13
	STATES 1-52															
520171 .....	.....*		6	1.50	3	2.3	7,352	4.49	330	13	8,428	382	23%	-259	-12
	STATES 2-34,35															
520299 02-25-55	GRANDVU MEL MASTER.....*	0	8	1.63	1	8.0	8,110	4.23	343	5	7,776	367	19%	+37	-5	
	413927 962403 5-67															
	STATES 1-35															
520446 .....	.....*		7	2.43	4	2.7	11,297	4.74	535	8	10,793	532	26%	+173	+3
	STATES 2-22,91															
520716 05-18-55	EDISTD FARMS G BDULDER.....*		10	1.40	3	6.6	8,633	4.75	410	15	7,796	366	23%	+164	+9	
	420373 915565 5-67															
	STATES 1-56															
520922 01-16-55	MCKERRROW-S DOMINATOR.....*	0	6	2.33	1	6.0	7,487	4.61	345	7	8,744	409	19%	-244	-12	
	421254 1294241 0-00															
	STATES 1-35															
520944 02-18-55 STUD 35-03	LUXERIN H SNOWMAN.....*	0	11	2.45	4	3.9	8,901	4.64	413	14	9,216	427	33%	-101	-4	
	395640 1107354 5-67															
	STATES 1-35															
520954 01-26-55	LUXERIN MATCHLESS MARK.....*		11	3.36	1	11.0	9,205	4.67	430	8	9,141	432	25%	+16	0	
	435352 1066425 5-67															
	STATES 1-35															
521041 02-28-55	ESKDALE MASTERFUL-S SUPREME...	9	26	3.00	1	26.0	8,073	4.94	399	9	8,616	402	29%	-170	-1	
	431378 1169624 5-67															
	STATES 1-35															
521263 02-04-55	VILLAGE VIEW-S BELLRINGER.....*	0	6	2.83	1	6.0	8,506	4.73	402	6	8,795	408	20%	-63	-1	
	483682 1054675 5-67															
	STATES 1-35															
521356 04-22-55	DAK HOLLOW ARVELLA-S AOMIR.....*	0	25	2.20	2	14.9	9,143	4.44	406	11	9,013	415	35%	+41	-3	
	452274 1097012 5-67															
	STATES 1-35															
521473 05-21-55 STUD 35-05	WYNO SAINT-S HIGHLAO.....	8	20	2.50	17	1.3	9,858	4.27	421	13	9,038	426	55%	+445	-2	
	429156 1036391 5-67															
	STATES 2-35,41															
521589 05-25-55 STUD 65-02	BLUFF VIEW KING SUPERIOR.....*	12	25	2.20	5	8.4	8,806	4.39	387	26	8,526	377	44%	+95	+2	
	329184 1224403 6-67															
	STATES 2-65,74															
521781 07-13-55 STUD 35-02	VALLEY OAKS PRISCILLA-S PEER...*	12	46	2.41	20	7.5	9,114	4.76	434	22	9,360	448	61%	-136	-7	
	438330 1372611 5-67															
	STATES 3-34,35,93															
521982 04-18-55	STAR-S COMET HERD.....		14	3.14	2	12.1	7,278	4.77	347	6	7,569	360	28%	-123	-5	
	437646 1341438 5-67															
	STATES 1-42															
522141 03-29-55	SPRING FLD DAN.....*	8	13	2.92	1	13.0	9,774	4.75	464	20	10,358	483	24%	-110	-2	
	459489 1082585 5-67															
	STATES 1-35															
522341 04-20-55 STUD 35-02	IDEALS SUPERIOR SUPREME.....	14	8	1.75	8	1.0	9,422	5.08	479	24	9,503	447	33%	-14	+11	
	448080 1435459 8-66															
	STATES 3-21,33,35															

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO OIFF FAT
NUMBER	NAME	OF BULL		NO		REC / OAU	MILK			%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY		
522508 04-30-55 STUD 91-11	GRANOVU MEL 413927 STATES	HOUEANIE.....* 986006 3-35,41,42	6-67	5	28	3.18	4	22.4	10,247	5.03	515	5	9,721	486	33%	+191	+11
522622 02-18-54	LIBERTY BELL 492485 STATES	RENOWN DANTE.....* 1198879 1-35	5-67	0	21	2.62	2	19.0	7,321	4.77	349	9	7,619	358	28%	-124	-4
522730 07-23-55	DAIRYMAN H-S 459868 STATES	MAY KING.....* 1238264 1-35	5-67	0	35	3.17	1	35.0	8,052	4.52	364	9	8,064	368	30%	-35	-2
523124 06-06-55 STUD 41-25	SUNNYMEDE 396936 STATES	HORNET-S LANCER.....* 756255 3-41,43,48	5-67	26	31	1.74	15	3.3	8,914	4.70	419	8	8,789	420	58%	+51	-1
523275 11-10-55	COWAN FARMS 465155 STATES	EARL-S MACK.....* 1293446 1-35	5-67		23	2.48	2	21.0	8,995	4.50	405	19	8,851	412	28%	+32	-2
523582 07-06-55 STUD 41-25	FAIRLAWN ACTOR-S 322785 STATES	RECOLLECTION.* 1505602 3-41,42,43	5-67	10	27	1.37	14	3.2	9,188	4.68	430	12	9,011	428	53%	+86	+1
523756 09-01-55	FOUR WINOS 504026 STATES	PRINCE.....* 1398757 1-35	5-67	25	16	2.63	1	16.0	8,193	4.30	352	9	8,827	401	26%	-169	-12
523784 12-23-55	VISTA O-MEADS 366648 STATES	DRUMMER BOY.....* 906720 1-35	8-65		8	2.50	1	8.0	9,676	5.12	495	8	9,644	467	22%	+18	+7
524257 12-21-55 STUD 63-01	NORTHERN ASTORS 464488 STATES	MAJESTY.....* 1252008 1-16	6-67	0	33	3.36	2	27.5	11,221	4.67	524	7	11,620	552	33%	-50	-4
524615 02-01-56	MCFARLANOALE 470656 STATES	FAWN PRINCE.....* 1491668 1-35	0-00	0	9	2.44	1	9.0	8,575	4.41	378	11	9,253	424	22%	-144	-9
524759 01-31-56 STUD 35-75	NORTHERN ADMIRAL-S 452274 STATES	KIP.....* 1585978 15-12,32,35,55,58	6-67	20	52	1.13	36	2.0	9,452	4.80	454	11	9,569	450	70%	-52	+4
524766	.....*	0-00		20	1.05	2	18.1	11,464	4.27	490	400	10,341	460	22%	+278	+7	
524931 09-21-55	SHANTITUCK BEN-S 493052 STATES	REX.....* 1118997 1-35	5-67		13	2.00	2	11.1	8,207	4.89	401	13	8,568	396	25%	-104	0
524995 10-09-55	SUNESLOPE-S 477597 STATES	EMORY-S RUOOIE.....* 1494822 1-35	5-67	0	22	3.45	2	20.0	11,003	4.58	504	9	10,461	516	30%	+198	0
525311 11-20-55	SENRA8 COUNT 498659 STATES	MASTER.....* 1254992 1-35	8-63	0	10	3.10	1	10.0	6,734	4.41	297	13	7,511	332	24%	-224	-10
525314 12-20-55	SENRA8 PRE OUK 473428 STATES	.....* 1347729 1-35	5-67	19	37	1.84	1	37.0	8,923	4.77	426	6	8,908	406	26%	-2	+4
525381 02-04-56 STUD 23-09	HOMINY HILL 422711 STATES	IMPERIAL.....* 1505185 4-23,50,51,52	6-67	18	115	1.59	48	12.8	9,880	4.38	433	22	9,761	461	70%	+126	-17
525739	.....*	0-00		7	2.43	5	1.5	8,734	4.75	415	16	9,062	424	29%	-96	-2	
525828 10-18-55	HAPPY HOLLOW 464437 STATES	KING-S SANOMAN...* 1473381 1-35	5-67	9	31	3.03	1	31.0	8,049	4.83	389	6	8,531	394	28%	-153	-2
526117 02-26-56	LIBERTY BELL 510631 STATES	COURTEOUS KING...* 1198879 1-35	5-67	24	22	2.18	3	15.1	6,983	4.85	339	11	8,184	381	31%	-396	-14
526134 10-28-55 STUD 35-02	OENNIS FARM 449173 STATES	FORE JULIUS.....* 1283142 2-33,35	6-67	13	69	1.94	32	7.2	9,406	4.83	454	10	9,624	456	69%	-117	0
526550 01-30-56	DAIRYMAN BEACON.....* 433214 STATES	1493671 1-35	0-00		5	4.40	1	5.0	9,442	4.91	464	21	9,148	432	20%	+58	+6
526621 12-03-55 STUD 35-05	FREDELLA-S 421254 STATES	DOMINATOR.....* 926888 3-35,41,42	5-67	0	30	2.50	20	2.0	8,448	4.68	395	10	8,814	409	64%	-254	-10
526646 02-25-56 STUD 63-02	DUNWALKE 493764 STATES	BUTTERFAT FORTUNE....* 1420996 2-22,23	0-00		5	2.00	4	1.4	10,923	5.23	571	8	10,435	509	22%	+137	+15
526735 07-06-55	CIRCLE DRIVE-S 499842 STATES	P DESIGNER.....* 1196012 1-35	0-00	0	13	1.00	1	13.0	7,903	4.87	385	20	7,512	364	19%	+43	+3
526827 12-30-55	FLYING HORSE 496678 STATES	G R HOLLIST.....* 1027496 3-65,72,73	5-67	14	11	1.00	4	3.1	6,891	4.50	310	27	6,472	283	30%	+45	+3
526870 02-09-56 STUD 35-21	MCDONALD FARMS 470604 STATES	ROYAL ZEB0.....* 1425630 3-31,35,56	6-67	8	104	1.67	35	9.8	9,846	4.72	465	16	9,746	462	73%	+116	+4
526900	.....*	0-00		6	1.00	2	3.3	9,728	4.94	481	7	8,603	410	18%	+196	+13	
527310	.....*	0-00		0	7	1.29	1	7.0	10,369	4.90	508	14	9,975	460	17%	+80	+9

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
527413	MULHOCANWAY	8	MAGISTRATE.....*	4	57	1.88	24	6.9	8,621	4.93	425	9	9,014	427	65%	-265	-1
01-16-56	493764	1466585	6-67														
STUD 41-01	STATES	3-35,41,45															
527495	.....*		0-00		7	1.43	2	5.2	9,360	4.90	459	11	8,863	429	19%	+89	+6
	STATES	1-35															
527531	VARIETY ACRES	8	BIG DAN.....*		8	2.63	1	8.0	7,976	4.90	391	13	7,913	379	21%	-12	+1
04-01-56	492485	1397543	5-67														
	STATES	1-35															
527534	IDEAL-S TRISUPER.....*	17		178	1.60	100	9.6		9,748	4.86	474	46	10,060	484	82%	-180	-3
01-10-55	448080	1359994	6-67														
STUD 33-03	STATES	28-22,23,31,32,35															
527751	.....*		0-00		5	1.20	3	2.2	8,043	5.25	422	17	9,098	439	18%	-194	-2
	STATES	2-87,91															
527799	FINCH-S LA FAYETTE.....*	4		106	2.65	54	3.1		9,513	4.61	439	13	9,240	437	85%	+238	+2
03-29-56	430189	1145914	6-67														
STUD 35-21	STATES	3-34,35,72															
527801	HOLLIKNOLL CHALLENGER.....*	13		51	1.90	20	8.5		9,304	4.83	449	17	9,369	453	59%	-25	0
05-20-56	508604	855998	6-67														
STUD 52-01	STATES	2-52,63															
527802	HOLLIKNOLL CAPTAIN.....*	6		98	2.21	14	29.8		10,555	4.55	480	56	10,321	491	55%	+193	-2
05-31-56	510634	1245016	6-67														
STUD 31-02	STATES	7-21,22,23,52,63															
527908	.....*		0-00		8	1.00	1	8.0	10,986	4.46	490	350	10,513	472	16%	+100	+4
	STATES	1-85															
527990	LAWANOE BRUCE-S CHAMPION.....*	14		45	2.73	1	45.0		7,973	5.10	407	14	8,183	408	29%	-88	0
01-14-56	367978	1189933	5-67														
	STATES	1-35															
528225	MCDONALD FARMS SUPREME DEANIE.*	14		101	1.91	57	4.7		9,589	4.62	443	14	9,583	441	79%	+39	+2
01-06-56	503925	1690147	6-67														
STUD 33-03	STATES	19-23,33,34,35,41															
528754	YELLOW CREEK S. FORTUNE.....*	10		180	2.02	107	2.5		10,728	4.93	529	16	9,786	460	90%	+905	+64
03-19-56	475595	1473505	6-67														
STUD 21-10	STATES	9-13,16,21,23,56															
528888	EDISTO FARMS G ROYAL.....*			7</													

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY		
531338 08-16-56	MONARCH-S LAD-S KING.....*	506743 1083490 3-64	5	3.00	2	3.4	9,445	4.98	470	14	9,341	460	21%	+26	+3	
531473 12-09-56	YELLOW CREEK S. TRAVELER.....*	475595 1420891 6-67	36	2.00	11	14.2	11,283	4.83	545	10	10,961	525	44%	+219	+13	
STUO 31-02	STATES	4-23,31,32,42														
531543 10-12-56	AOLYNN ACRES MAJOR.....*	520370 1507517 3-64	17	1.92	1	12.0	8,623	5.14	443	9	9,213	435	22%	-129	+2	
STATES		1-35														
531603 10-26-56	FAHRNWALO NOBLE LAOOIE.....*	449173 1462192 3-64	0	10	2.60	1	10.0	8,521	4.72	402	27	8,723	403	23%	-55	0
STATES		1-35														
531700 09-27-56	OLO HOMESTEAD IMPRINT.....*	398391 1380156 6-67	4	30	1.87	11	4.9	8,678	4.41	383	48	8,356	371	54%	+130	+3
STUO 72-01	STATES	1-72														
531798 11-15-55	GOLDEN GRANGE IDEAL FINANCIER.*	424343 995336 5-67	4	27	2.70	5	18.1	10,048	4.88	490	14	10,073	476	35%	+23	+6
STATES		1-35														
531827 06-26-56	SENRA8 PRE ESQUIRE.....*	473428 1299653 5-67	11	1.73	1	11.0	8,919	4.41	393	10	8,943	420	21%	-9	-5	
STATES		1-35														
531885	.....*	0-00	5	3.40	5	1.0	9,661	4.23	409	21	9,133	425	26%	+138	-3
STATES		3-55,56,58														
532516 10-30-56	BRYN FARMS K GOLDEN OAIRY80Y..	484526 1425767 5-67	0	7	1.43	2	5.2	7,295	4.55	332	9	7,325	335	20%	-41	-2
STATES		2-35,52														
532564 11-04-56	KENMAX PASQUALE-S LOLLIPOP....	513875 1495982 5-67	7	20	1.45	8	4.4	11,895	4.41	524	18	11,307	494	43%	+341	+15
STUO 93-05	STATES	3-35,82,93														
532572 10-21-56	MAPLE LEAF SUPERIOR.....*	498562 1482876 5-67	29	13	1.54	1	13.0	9,276	4.46	414	9	8,574	397	21%	+134	+3
STATES		1-41														
532677 12-20-56	LUXERIN STEAOFAST KING.....*	510321 1558387 8-64	0	8	2.25	2	6.2	9,209	4.29	395	25	9,011	420	23%	+42	-5
STATES		2-21,35														
532746 12-09-56	WEST STAR ELECT MARVIN.....*	516957 1070547 8-65	5	1.00	3	1.8	7,672	4.51	346	3	7,664	357	18%	-25	-2	
STATES		2-41,43														
532793	.....*	0-00	5	1.40	1	5.0	8,247	4.69	387	3	8,224	389	15%	-9	0
STATES		1-92														
533041 11-05-56	COULEE COUNTRY BUTTER 80Y.....*	459489 1348513 5-67	6	17	2.35	2	15.1	9,623	4.36	420	11	9,861	456	26%	-43	-8
STATES		1-35														
533398 02-15-56	ELRASON OAN-L. BOONE.....*	456380 1051994 5-67	30	1.27	3	22.8	9,941	4.67	464	20	9,741	457	28%	+72	+3	
STATES		1-92														
533470 06-05-56	NORMANOF IMPERIALIST.....*	453207 1416387 5-67	10	90	1.67	37	4.9	9,509	4.54	432	9	9,295	436	77%	+175	-2
STUO 41-25	STATES	7-41,43,47,48,73														
533540 03-04-56	GOLDEN GRANGE P. RAIOR.....*	463332 1103034 5-67	3	38	2.13	24	1.9	8,588	4.58	393	14	9,101	425	69%	-354	-22
STUO 35-05	STATES	2-35,41														
533677 01-29-57	GEORGIA-S HAPPY.....*	490033 1471680 5-67	20	23	1.35	3	19.2	8,699	4.41	384	10	9,870	436	26%	-283	-12
STATES		2-35,42														
533769 01-13-57	NORGERT-S ROYAL NANCE.....*	473218 1427010 6-67	6	466	1.27	226	12.6	11,328	4.50	510	24	10,683	502	90%	+719	+13
STUO 33-03	STATES	36-21,31,32,33,56														
533774 05-10-57	NORGERT-S ROYAL PAULSON.....*	473218 1022397 6-67	8	172	1.74	105	2.7	9,893	4.33	428	18	9,448	439	89%	+423	-9
STUO 33-03	STATES	26-21,23,32,33,35														
533854 01-22-56	IOACREST 8. PHILLIBUSTER.....*	496783 1371888 5-67	14	1.50	6	5.1	10,155	4.77	484	17	10,768	500	33%	-146	-2	
STATES		1-82														
534068	.....*	0-00	7	1.00	1	7.0	11,069	4.25	470	338	10,390	469	16%	+125	+1
STATES		1-85														
534304*	0-00	43	7	1.14	1	7.0	6,062	4.59	278	15	6,755	304	16%	-151	-5
STATES		1-34														
534326 01-13-57	GREYSTONE KING THEO.....*	497410 1677745 5-67	8	26	1.54	17	2.3	9,070	4.83	438	14	8,941	421	55%	+59	+9
STUO 35-04	STATES	7-21,34,35,42,63														
534347*	0-00	20	5	2.00	3	2.2	9,973	4.69	468	9	10,306	493	21%	-45	-3
STATES		2-31,93														
534419	.....*	0-00	5	1.80	2	2.6	8,576	4.41	378	16	9,696	452	20%	-211	-13
STATES		2-11,86														
534445 05-28-57	STEAOFAST OF MAPLE GROVE.....*	491056 1337444 5-67	33	11	1.91	2	9.1	7,669	4.64	356	3	8,291	381	24%	-165	-6
STATES		1-35														
534461 08-02-56	WHITELICK NET WORTH.....*	520324 1250391 5-67	0	8	2.50	1	8.0	7,448	4.36	325	2	8,876	399	22%	-316	-16
STATES		1-35														

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRED OIFF MILK FAT		
NUMBER	NAME	OF	SULL		NO	REC / DAU			MILK	%	FAT	HERDMATE NO	MILK	FAT	%	MILK	FAT	
534613 02-15-57 STUD 23-11	WARDELL-S 422711 STATES	8 1521205 4-22,23,31,58	CHAMPION... 6-67	0	25	2.60	8	13.2	10,983	4.54	499	20	10,995	516	37%	+64	-2	
534625 07-12-57 STATES	NORTHERN O 519627 STATES	0 779892 1-15	CAPTIN..... 5-67	*	10	1.10	2	5.2	6,343	4.75	301	10	8,672	402	24%	-574	-24	
534733 12-16-56 STATES	SENRA8 498659 STATES	COUNT 1350340 1-35	ESQUIRE..... 11-65	*	5	2.00	4	1.4	8,853	5.11	452	15	9,300	440	23%	-98	+3	
534734 01-02-57 STATES	SENRA8 C. 498659 STATES	PRINCE..... 1253035 1-35	5-67	7	14	1.21	1	14.0	9,665	4.64	448	11	8,491	421	20%	+226	+5	
534736 04-08-56 STATES	SENRA8 K. 506413 STATES	LOUIS..... 1579330 1-35	5-67	*	6	17	2.82	2	13.4	9,696	4.54	440	13	9,234	445	29%	+137	0
534976 08-20-55 STUD 61-02	GOLDEN GRANGE 424343 STATES	IDEAL VANGELINE.* 1103034 6-23,31,32,34,51	6-67	5	26	2.38	20	1.6	9,844	4.60	453	15	9,339	434	61%	+319	+11	
535226 04-19-57 STATES	LUXERIN 435352 STATES	MATCHLESS..... 886425 1-35	5-67	*	17	12	2.33	1	12.0	7,984	4.52	361	15	8,433	384	23%	-121	-6
535449 01-27-57 STATES	KUHTZOALE L. 433384 STATES	C. IKE..... 925885 2-35,41	5-67	*	13	24	2.92	2	22.0	9,273	4.74	440	8	9,175	439	29%	+29	0
535688 08-17-57 STUD 41-25	WESTLYNN 8. 496783 STATES	COAST KING..... 1029751 7-41,43,45,47,92	5-67	*	10	44	1.48	22	4.4	9,613	4.71	453	17	10,252	493	62%	-328	-20
535689 08-17-57 STUD 48-01	WESTLYNN 8. 496783 STATES	COLLEGE KING..... 1029751 4-42,47,48,73	6-67	*	13	76	1.95	29	5.3	8,775	4.75	417	13	8,858	424	74%	-83	-5
535701 09-24-57 STATES	FOREMOST 351131 STATES	FOOTPRINT-S 1590931 1-48	5-67	..	6	1.17	1	6.0	9,614	4.01	386	1	9,695	456	15%	-3	-9	
535717 STATES	..... STATES	..... 1-91	0-00	*	5	1.00	1	5.0	7,788	5.06	394	10	8,576	432	14%	-114	-4	
535815 05-09-57 STATES	LUSH ACRES 386844 STATES	8DSWELL-S 1403641 1-56	5-67	*	6	22	1.59	1	22.0	10,037	4.64	466	14	10,431	482	24%	-62	-2
535974 03-24-57 STATES	AVALONG FARMS 501038 STATES	M. MAJESTIC..... 1061745 1-23	5-67	*	27	1.59	4	8.6	9,214	4.57	421	25	8,688	416	42%	+202	+1	
536022 04-23-57 STATES	GUERNSEY GROVE 450712 STATES	PHARAOH..... 902586 1-35	5-67	*	9	12	2.00	2	10.1	9,142	5.21	476	13	10,341	506	24%	-258	-5
536087 06-16-57 STATES	8BREEZE HILL 423418 STATES	VICTOR..... 1005731 1-35	5-67	*	0	33	2.58	3	16.5	10,008	4.71	471	8	10,477	488	41%	-136	-4
536096 07-26-57 STATES	SUNESLOPE 444549 STATES	PERFECTION 1310111 1-35	ESQUIRE... 5-67	*	12	20	2.40	1	20.0	9,909	4.84	480	8	10,239	490	26%	-56	0
536139 STATES	..... STATES	..... 1-31	0-00	*	5	1.00	1	5.0	8,876	4.83	429	5	7,944	356	14%	+110	+9	
536182 07-29-57 STUD 91-11	ROBERTS FARM 438330 STATES	ROYAL-S 1459003 3-22,33,35	PEER..... 6-67	*	0	49	2.59	6	20.8	11,088	4.54	503	17	10,648	507	46%	+269	+1
536365 STATES	..... STATES	..... 1-21	0-00	*	5	1.40	3	1.8	10,991	4.54	499	15	10,886	501	20%	+56	+1	
536468 STATES	..... STATES	..... 3-32,63,72	0-00	*	5	1.60	5	1.0	7,889	4.63	365	29	8,506	389	23%	-156	-6	
536475 11-07-57 STUD 21-10	HANSENAREA 425345 STATES	MOTEL..... 1531468 5-13,16,21,51,63	6-67	*	17	135	2.28	89	2.1	9,939	4.72	469	17	9,617	450	88%	+325	+18
536529 07-04-57 STATES	GOLDEN GRANGE 515499 STATES	P.V. EGBERT..... 1436121 1-35	5-67	*	13	10	2.30	4	3.0	8,424	4.44	374	17	9,265	436	34%	-279	-20
536589 10-19-57 STUD 23-09	MISS LILY-S 439587 STATES	NEPTUNE..... 1755572 7-11,21,23,50,51	6-67	*	23	108	1.47	52	8.9	9,788	4.82	472	14	10,278	489	74%	-277	-8
536610 12-22-57 STUD 35-21	NORBERTS 473218 STATES	ROYAL D. SCOTSMAN..... 1600002 2-33,48	6-67	*	0	35	2.43	5	10.6	10,199	4.62	471	18	9,617	458	50%	+313	+8
536658 08-11-57 STUD 93-02	FAIRLAWN 473833 STATES	LINARIA-S 1265185 5-84,86,91,92,93	WARRIOR..... 6-67	*	13	10	2.20	8	1.4	10,437	5.08	530	26	9,741	470	38%	+285	+24
536977 01-06-58 STUD 93-05	PRESTDALE 511627 STATES	VIC-S REX..... 1613591 1-92	6-67	*	17	33	2.45	2	29.2	9,717	4.41	429	13	9,536	423	30%	+65	+1
537109 03-10-57 STATES	CRESTWOOD 506078 STATES	MYRON..... 1540576 1-35	5-67	*	8	12	2.92	1	12.0	8,411	4.93	415	16	8,360	404	24%	-6	+2
537110 12-31-57 STATES	MIL NOR FARM-S 442503 STATES	DUKE..... 1301719 1-35	11-63	60	7	2.00	1	7.0	8,215	4.99	410	11	9,035	443	19%	-157	-5	

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF MILK FAT	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	FAT	FAT	MILK	FAT	
537172 10-14-57	RIOGE FARM GRACE-S 519184 1397215 STATES 1-35	REX.....*	40	5	1.20	1	5.0	7,005	4.70	329	9	8,642	410	14%	-240	-11	
537207 07-13-57	PINE RIOGE LORRO-S 525582 1660882 STATES 2-35,41	BOY.....*	0	23	2.65	3	13.6	9,055	4.27	387	15	9,152	417	36%	-34	-10	
537301 08-21-57 STUO 23-11	GOLEEN HARVEST KING-S 407921 1492619 STATES 4-22,23,56,58	GOURMET.*	12	155	2.19	48	6.9	9,656	4.95	478	15	9,238	444	84%	+360	+29	
537318 07-17-57	FOREMOST MISSOURIAN JIM.....*			5	2.00	1	5.0	8,647	4.14	358	9	7,771	349	17%	+128	0	
537401 07-19-57 STUO 35-05	MCOONALO FARMS MISTER ANTON....*		4	33	2.27	2	31.0	10,645	5.12	545	18	9,704	462	28%	+282	+24	
537494 08-30-57	MCKERROW-S V. JASPER.....*		5	23	2.91	1	23.0	7,883	4.77	376	7	8,953	412	28%	-300	-10	
537519	.....*			5	1.00	1	5.0	9,256	4.33	401	404	10,622	472	14%	-165	-8
	STATES 1-85																
537521	.....*			6	1.50	2	4.3	9,396	4.47	420	382	9,961	446	18%	-87	-4
	STATES 2-42,85																
537680 07-29-57 STUO 61-02	LYRENE MYRA-S WISTAR.....*		4	27	1.67	13	4.2	10,513	4.72	496	13	9,868	471	52%	+369	+15	
537880 10-25-57	WILLOWMORE FARM-S MACK.....*		9	22	2.00	1	22.0	8,628	4.62	399	1	9,417	444	25%	-191	-10	
537911	.....*			6	1.00	1	6.0	9,698	4.45	432	413	10,633	474	15%	-115	-5
	STATES 1-85																
538006 03-04-58	TUCK-A-WAY CONQUEROR ACE.....*		23	19	1.95	1	19.0	7,724	4.93	381	11	7,766	381	25%	-44	0	
538021 04-07-56 STUO 21-10	WILLOW SPRING 8FT. SUPREME....*		11	49	1.47	21	7.9	10,468	4.89	512	11	9,692	467	58%	+478	+28	
538121 11-25-57 STUO 35-05	MCOONALO FARMS JOLLY AUTOCRAT.*		19	23	1.83	9	7.9	8,643	4.54	392	16	9,027	416	41%	-161	-10	
538515	.....*			9	1.00	2	7.2	10,099	4.54	458	12	10,929	500	19%	-123	-6
	STATES 1-52																
538537	.....*			5	1.00	2	2.6	8,638	4.60	397	11	7,530	359	17%	+159	+5
	STATES 1-15																
538660 12-20-57	MEADOW LAWN THELMA-S SHEIK.....*		0	9	2.33	1	9.0	10,854	4.41	479	11	10,548	473	22%	+96	+2	
538672 10-02-57	HOMESTEAD HERO SHEIK.....*			6	1.00	1	6.0	7,932	4.10	325	3	7,463	330	15%	+44	-1	
538730 09-05-57	STARS PETE OF EVERGREEN MOUNO.			6	2.00	1	6.0	7,734	4.78	370	6	7,727	377	18%	-23	-1	
538782 02-23-58	TIOELANO JASON-S HERALO.....*		0	25	3.36	4	19.4	9,970	5.28	526	13	9,072	453	34%	+302	+25	
538919 12-01-57	LUXERIN MATCHLESS CENTER.....*		8	15	2.47	1	15.0	7,413	4.90	363	12	8,240	399	25%	-229	-9	
539076 01-28-58	LEVEL GREEN JANET-S VICEROY...		0	14	2.50	1	14.0	8,534	4.61	393	3	9,428	452	25%	-211	-13	
539136 02-12-58	NORBERTS ROYAL BETTINO.....*		0	12	1.42	2	8.6	8,711	4.65	405	16	9,298	442	24%	-135	-8	
539302 11-04-57	HI-HOPES LAO SUPREME.....*		17	15	2.73	2	13.1	8,451	4.57	386	13	9,157	433	27%	-190	-12	
539305 01-05-58	KEN-MAC OEE JAN.....*		0	14	2.57	1	14.0	7,544	4.36	329	14	7,687	341	25%	-71	-4	
539578 04-22-58	EDGEWOOD MASTER-S OON.....*			13	1.15	2	9.6	9,122	4.41	402	51	10,409	445	23%	-267	-9	
539598 10-16-57	LAWANOE JOY-S HOMINY.....*		0	6	1.83	2	3.0	7,865	4.93	388	20	8,540	403	23%	-167	-3	
539730 01-01-58	JOHN PLAIN VIKINGS TIM.....*			40	1.08	4	32.5	10,856	4.24	460	367	10,459	470	27%	+140	-1	
539742 12-20-57 STUO 34-01	METIGER FARMS TRANSFER VALOR...*		3	34	2.18	6	19.0	13,237	4.95	655	20	12,377	600	37%	+440	+27	

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HERO	MATE MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
539754 12-15-57	GRANOVU OECCA-S 468122 STATES 3-35,41,42	MUSICIAN.....*	5-67	10	14	2.86	3	10.4	9,802	5.02	492	20	9,724	486	29%	+39	+3
539860	.....*		0-00		5	1.00	1	5.0	6,404	4.58	293	6	7,970	379	14%	-228	-11
539888 03-22-58	MALZ FARM STARLIGHT-S 504474 STATES 3-33,35,65	TITUS....*	5-67	30	27	1.26	7	15.1	8,064	4.99	402	14	8,841	429	32%	-258	-8
540179 06-18-56	LONE OAK R. OORIS CHIEF.....*		5-67	0	14	2.07	1	14.0	10,133	4.69	475	9	9,705	486	23%	+112	0
540203 02-03-58 STUO 72-01	FAIRLAWN PAMELA-S 473833 STATES 1-72	WARRIOR.....*	6-67	3	60	1.67	10	24.4	10,350	4.46	462	33	10,201	449	44%	+112	+6
540259 03-06-58 STUO 51-02	RUSHCREEK SUPREME-S 475595 STATES 1-32	LAO.....*	6-67	5	20	2.00	3	14.7	13,188	4.43	584	6	11,684	541	30%	+525	+16
540377 05-11-58	WILSONA OISTINCT BELMONT.....*		5-67	33	13	1.08	4	4.8	8,506	4.75	404	28	9,593	452	30%	-311	-13
540399 12-06-57	ROLLING ACRES LEVITY COMET....*		2-65	0	9	3.11	1	9.0	8,467	4.52	383	8	8,557	407	23%	-33	-5
540551 04-23-58	OAIRYMAN KINSMAN.....*		2-66	0	9	2.11	1	9.0	8,143	4.76	388	15	8,259	377	21%	-43	+1
540669 05-29-58	HOMINY HILL TRANSPIRE.....*		5-67	19	21	1.10	18	1.2	7,765	4.86	377	34	9,380	431	51%	-811	-27
540670 05-31-58 STUO 35-05	HOMINY HILL BELTANE.....*		5-67	10	25	2.12	17	1.8	8,600	5.06	435	15	9,612	446	59%	-572	-5
540672	.....*		0-00		7	1.29	2	4.1	10,754	4.16	447	47	10,278	446	21%	+122	0
540873	.....*		0-00		5	1.00	1	5.0	11,430	4.51	515	452	10,856	480	14%	+101	+5
540888 07-31-57 STUO 72-01	PONO ACRE FARM-S F. FLICKER....*		6-67	5	24	2.04	12	5.7	10,909	4.66	508	16	10,530	494	47%	+242	+9
540900	.....*		0-00		6	1.00	1	6.0	9,517	4.64	442	35	9,087	408	15%	+62	+5
540901 04-17-58	GAYOSO VIEWS F VALOR.....*		5-67		8	1.50	1	8.0	10,251	4.32	443	31	9,452	419	19%	+154	+4
541009 05-12-58 STUO 35-05	MULHOCWAY BUTTERFAT KING HAL.*		6-67	13	85	1.71	50	2.3	9,677	4.84	468	14	9,469	443	81%	+194	+21
541091 03-12-58 STUO 34-01	MAPLE DAWN WINOSOR-S FORCE....*		6-67	7	30	2.47	3	14.0	11,589	4.68	542	12	10,448	510	41%	+521	+16
541179	.....*		0-00		5	1.80	1	5.0	8,160	5.05	412	6	8,188	394	16%	-19	+2
541316 03-30-58	KYLANO-S COLONEL MASTER.....*		5-67	0	8	2.38	1	8.0	7,565	4.48	339	8	8,200	384	22%	-156	-10
541463 02-25-58	LUXERIN S.FLASH.....*		5-67		10	1.90	1	10.0	8,502	4.68	398	8	10,124	473	21%	-318	-14
541496 02-10-58	BELNEMUS EMORYS OESIGN.....*		5-67	11	10	1.70	4	3.0	9,424	4.45	419	31	8,393	386	32%	+302	+9
541674 04-19-58 STUO 52-01	HOLLIKNOLL BOND-S EM8ASSA00R..*		6-67	22	234	1.44	65	9.5	8,984	4.73	425	23	9,331	441	85%	-280	-12
541724 07-28-57	WEHRMAN FARMS JULIUS.....*		5-67	29	14	1.86	1	14.0	8,794	4.49	395	13	9,369	438	23%	-126	-9
541917 12-17-57	MAPLE LEAF PEORD.....*		5-67		23	1.22	2	21.0	8,012	4.51	361	4	8,300	387	24%	-87	-6
542089 03-14-58 STUO 43-02	SUNNYMEOE ACTOR-S SUPERIOR....*		5-67	17	30	1.67	8	10.6	9,239	4.98	460	23	9,357	445	42%	-40	+7
542092 10-25-58	TWIN CE0AR TONY.....*		5-67	29	7	1.14	1	7.0	7,308	4.87	356	7	8,550	393	16%	-211	-6
542144 03-15-58	KING OF CLAYLAND FARM.....*		5-67		10	2.00	1	10.0	8,431	4.93	416	6	10,375	485	22%	-391	-13
542205 10-23-58	ROSSMONT JOLLY MACS JAMES.....*		5-67	0	17	1.41	1	17.0	6,350	4.87	309	36	6,893	334	22%	-170	-7

REGISTRATION				INC %	DAUGHTERS		ND OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRED DIFF MILK FAT		
NUMBER	NAME	DF	BULL		NO	REC / OAU			MILK	%	FAT	HERDMATE NO	MILK	FAT	%	%	%	
542269 03-28-58 STUD 21-10	WILLDO SPRING 538021 STATES	SUPREME VIC.....*	10	63	1.59	33	2.6	10,238	4.70	481	15	9,657	447	75%	+472	+26		
542442 05-12-58	LAPD REC-S MONTERAY.....*	15	1.07	1	15.0	7,418	4.44	329	2	8,813	403	20%	-285	-14				
542530 09-26-58 STUD 65-02	CATTLE 8ROOK FORTUNES ACTDR...*	7	1.43	4	2.1	9,147	4.24	388	15	9,049	396	25%	+22	-2				
542789 06-06-58	LANGWATER FORTUNATE.....*	0	19	1.47	1	19.0	10,081	4.64	468	8	9,660	467	23%	+108	+1			
542819	STATES 1-54	0-00	5	1.00	1	5.0	7,100	4.59	326	15	7,950	388	14%	-131	-8			
542921 09-28-58	BLUFF VIEW PATS LUCIFER.....*	0	8	1.50	1	8.0	7,331	4.56	334	17	7,293	338	19%	-27	-2			
542953 10-05-58 STUD 93-05	WESTERN GLDW OUEYS TRANSFER...*	23	13	1.46	9	1.7	9,840	4.48	441	14	10,768	482	40%	-309	-14			
543031	STATES 1-72	0-00	5	1.00	1	5.0	8,184	4.15	340	69	9,178	397	14%	-134	-7			
543130	STATES 2-34,63	0-00	5	1.00	2	2.6	8,444	5.15	435	19	9,014	428	17%	-97	+1			
543158 10-14-58 STUD 35-05	NORTHERN HERMES.....*	3	94	1.87	47	3.8	10,278	4.48	460	15	9,272	437	80%	+818	+19			
543264 11-14-58 STUD 35-05	CATTLE 8RDDK LEADER-S ACTOR...*	10	38	1.97	29	1.5	9,257	4.55	421	15	9,193	433	69%	+47	-7			
543348 06-23-58 STUD 23-09	COLDAYS GABRIEL.....*	10	192	2.32	83	3.6	9,435	4.73	446	16	9,409	444	90%	+47	+3			
543499 11-25-58	EASTLEIGH LEADER.....*	14	8	1.50	1	8.0	8,118	4.19	340	2	8,824	408	19%	-136	-12			
543597 04-04-58	WERN-S VICERDY-S PRINCE.....*	7	19	1.53	2	13.9	6,160	4.56	281	35	7,538	336	27%	-413	-16			
543669 10-06-58	JUL MAR TRANSFER.....*	50	11	1.36	2	5.5	8,932	4.42	395	10	8,941	405	27%	-7	-3			
543744 07-12-58	LUXERIN MATCHLESS PETER PAN...*	9	36	2.14	2	34.0	8,350	4.69	392	6	7,861	375	28%	+101	+3			
543747 06-21-58	WDDDACRES REGAL CDURAGEOUS....*	40	6	1.50	4	2.0	9,809	4.85	476	14	10,372	513	23%	-102	-6			
543824 12-10-56	IDEAL-S EMPIRE.....*	14	10	1.20	1	10.0	8,612	4.38	377	6	9,081	415	19%	-88	-6			
543837 06-21-58	COLDRADE STERLING FRONTIERSMAN*	0	15	1.60	2	7.5	9,328	4.86	453	17	9,066	433	31%	+78	+6			
543853 09-10-58 STUD 33-03	MARGENDELL HIS MAJESTY.....*	3	63	1.76	32	3.2	10,062	4.56	459	16	9,344	438	74%	+546	+16			
543966 08-02-58	LANGWATER PIED PIPER.....*	13	25	1.28	4	11.1	10,805	4.20	454	35	10,057	439	35%	+296	+5			
544000	STATES 1-55	0-00	20	6	1.17	1	6.0	9,941	4.41	438	19	9,547	428	15%	+67	+1		
544116	STATES 1-32	0-00	20	5	1.60	3	2.2	11,069	4.43	490	9	10,859	498	20%	+77	0		
544142 07-29-58	COLORFUL COLORADO TRANSPDSE..*	6	29	1.48	3	23.4	9,965	5.04	502	10	9,150	442	28%	+225	+17			
544226 07-24-58 STUD 51-02	BAYVILLE ROYAL VIRGINIAN.....*	7	30	1.97	4	14.8	9,320	4.95	461	106	9,660	466	38%	-110	0			
544347	STATES 1-85	0-00	7	1.00	1	7.0	10,199	4.13	421	429	10,621	472	16%	-42	-6			
544348 01-01-59	PRICE BLACK OEDDS GOVERNDR....*	26	1.00	2	24.0	10,696	4.31	461	366	10,445	468	23%	+87	0				
544421	STATES 3-31,57,64	0-00	5	2.60	5	1.0	9,542	4.55	434	11	9,017	424	25%	+125	+2			
544495 09-04-58	JOHN PLAIN VIKING-S QUEN.....*	9	17	1.59	4	10.2	9,796	4.55	446	6	9,261	427	30%	+164	+5			

GUERNSEY

43

[illegible]

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRED DIFF FAT	
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HERDMATE NO	MILK	FAT	OF SIRE	MILK	FAT	
546390 01-17-59 STUO 61-02	OENNIS FARM FORE STATES	JULIAN..... 1283142 3-33,35,41	4	26	1.92	18	2.7	9,866	4.86	479	14	9,659	463	56%	+145	+11	
546392 12-08-58 STUO 63-01	MAPLE LEAF LENSON.....	PRINCE..... 1647662 1-41	0	20	2.00	1	20.0	7,725	5.00	386	46	7,996	398	25%	-97	-3	
546422 02-28-59 STUO 33-03	EBER-LEA FARMS STATES	PRINCE..... 1647662 2-31,63	7	33	1.70	4	19.8	11,143	5.02	559	12	11,279	536	34%	+26	+11	
546559 09-13-58 STUO 21-10	GUERNSEY LAND PHARAOH-S	PHARAOH-S 1170742 3-21,22,23	22	47	1.30	34	1.7	11,045	4.49	496	15	10,134	474	70%	+705	+18	
546618 05-05-59 STUO 23-09	MCDONALD FARMS STATES	ROYAL CROWN.... 1756354 5-21,23,51,63,65	12	26	1.62	8	14.1	10,877	5.07	551	15	10,977	517	34%	+28	+14	
546626 05-24-59 STUO 35-75	MAGNOLIA FLASH STATES	CORINTHIAN..... 1547800 2-58,65	25	15	1.93	2	13.1	14,003	4.31	604	29	10,502	457	25%	+905	+37	
546650	STATES	0-00 2-43,47	0	6	1.00	2	4.3	11,065	4.68	518	10	10,287	494	17%	+150	+5	
546716 02-25-59	VISTA O MEAOS STATES	GOLDEN FLASH.... 906720 1-35	17	6	2.67	1	6.0	9,287	5.19	482	12	9,301	458	19%	0	+5	
546758	STATES	0-00 1-52		6	1.17	3	2.3	8,355	4.79	400	19	8,625	399	21%	-67	0	
546803	STATES	0-00 1-32		5	1.20	5	1.0	9,852	4.66	459	16	10,492	500	21%	-105	-6	
546861 12-04-58	COWAN FARMS S. OWEN	STATES 1683338 1-35	0	18	1.94	3	8.7	10,858	4.62	502	15	9,935	474	35%	+351	+11	
546862 02-04-59	COWAN FARMS FAMOUS LAD	STATES 1566493 1-35	14	9	1.78	1	9.0	8,877	4.61	409	23	9,039	417	21%	-35	-1	
546883	STATES	0-00 1-92	33	7	1.57	5	1.8	11,014	4.62	509	16	10,994	519	26%	+54	0	
546924	STATES	0-00 1-21		6	1.17	1	6.0	9,936	4.40	437	19	9,858	453	15%	+23	-1	
546984 10-10-58	VARIETY ACRES DANNA	STATES 1397544 1-35		17	1.65	1	17.0	8,144	4.85	395	16	8,120	387	23%	-17	+1	
547027 01-19-59 STUO 35-03	NORGERTS ROYAL NANCE DEMDROP..	STATES 1600002 2-35,85	9	28	1.86	12	4.4	10,682	4.39	469	37	10,485	478	53%	+176	-2	
547028	STATES	0-00 1-48	17	7	1.29	1	7.0	8,731	4.44	388	11	9,074	420	17%	-58	-5	
547056	STATES	0-00 1-91		10	1.00	2	8.2	7,545	4.97	375	12	9,377	464	20%	-352	-16	
547099	STATES	0-00 1-47	0	6	1.67	2	3.3	7,581	4.68	355	5	7,653	385	21%	-46	-6	
547253 07-02-59 STUO 35-04	LOOKOUT VALLEY ROSE FLASH.....	STATES 1480511 5-33,35,42,48,73	4	26	1.46	16	2.4	9,964	5.00	498	12	9,724	467	55%	+164	+19	
547323 06-23-59	HOMINY HILL RULER	STATES 1109721 1-33	0	11	1.64	4	3.9	10,109	4.78	483	10	10,369	480	31%	-42	+2	
547399 05-22-59	SULPHUR SPRINGS LUCKY FABRON..	STATES 1592085 1-35	0	9	1.89	1	9.0	8,380	4.67	391	12	9,051	428	21%	-143	-7	
547459 12-24-58 STUO 63-02	GAYOSO VIEW FAME-S KING.....	STATES 1721548 1-63	23	26	1.38	10	4.2	9,522	4.42	421	15	8,962	407	49%	+267	+5	
547475	STATES	0-00 1-65	8	13	1.00	1	13.0	7,385	4.47	330	62	7,718	347	19%	-90	-4	
547476 07-20-59	Q O HILOAGAROES MONARCH.....	STATES 1476719 1-65	17	29	1.10	1	29.0	7,308	4.50	329	60	7,685	344	23%	-117	-4	
547481 01-19-59	LOULEE LANE BUTTERFAT ERL.....	STATES 1244498 1-35		7	2.57	1	7.0	8,087	4.69	379	7	7,526	367	21%	+82	+1	
547581 12-14-58	YELLOW CREEK H MOONLIGHT.....	STATES 1615757 4-33,35,72,85	31	30	1.43	8	8.7	8,303	4.95	411	44	9,286	425	44%	-427	-6	
547583 02-09-59 STUO 31-02	YELLOW CREEK 8FT. GYPSY KING..	STATES 1704723 3-23,32,48	4	25	2.12	8	6.4	11,532	5.45	629	17	11,636	596	47%	+68	+23	
547597 05-06-59	FOREST HOMES F A OUK.....	STATES 1579972 1-35	7	14	2.21	1	14.0	9,969	4.97	495	9	10,252	492	24%	-41	+2	

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	DF	SULL		NO	REC / OAU			MILK	%	FAT	HERDMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	MILK	FAT
547610 09-14-59	THREE CLIFFS 496783 STATES	8D.	QAMON.....* 1629682 1-41	24 5-67	17	1.35	2	15.1	8,310	4.77	396	14	9,383	431	23%	-243	-7
547676 10-22-58	8ELNEMUS EMORY 486384 STATES	ND8	LEMAN.....* 1770552 2-52,72	17 5-67	9	1.33	2	5.0	8,037	4.54	365	40	8,222	385	24%	-65	-5
547726 03-09-59	AOLYNN ACRES 477479 STATES	CHEEKD.....	1260901 1-35	18 5-67	12	1.58	2	10.1	11,244	4.46	501	13	9,354	429	23%	+443	+17
547761	STATES	1-35	0-00	60	5	1.00	1	5.0	9,464	5.29	501	14	10,318	529	14%	-99	-2
547762 06-28-59	SCRUGGS COZY 524974 STATES	MAJDR.....*	1557151 1-65	18 5-67	14	1.14	1	14.0	9,417	4.56	429	4	9,170	414	20%	+50	+3
547765 01-22-59 STUD 35-21	MAURANA S. 527868 STATES	BUTTERFAT	GONDOLIER.* 1210922 1-48	6 6-67	18	1.78	2	10.7	10,586	4.83	511	16	10,186	479	31%	+156	+11
547967	STATES	1-85	0-00	6	7	1.00	1	7.0	11,359	4.41	501	459	10,824	479	16%	+110	+4
547968	STATES	1-85	0-00	6	7	1.00	1	7.0	11,756	4.24	499	412	10,849	485	16%	+168	+3
548052 08-20-59 STUD 35-75	SHENMONT ROYAL 449539 STATES	LESLIE MARCUS..*	1217284 1-52	12 6-67	21	1.33	1	21.0	12,793	4.57	585	16	10,725	522	23%	+505	+16
548079 03-29-59	MAGNET LUKEY 525461 STATES	OF EAST VIEW.....*	1807787 1-34	6 2-65	5	2.20	1	5.0	8,921	5.30	473	9	7,792	399	17%	+169	+12
548118 09-22-59 STUD 61-02	DEEP LAKE 496783 STATES	8DN-FLASH	DEACON....* 1604692 3-31,33,84	15 6-67	33	1.58	21	2.0	9,853	4.70	463	17	10,017	478	63%	-48	-6
548156 04-05-59	DARI-DALE FAME.....*	475548 STATES	1652637 4-21,57,65,82	13 5-67	18	1.44	5	4.6	7,847	5.07	398	16	8,886	420	40%	-427	-8
548177	STATES	2-22,52	0-00	13	9	1.11	4	3.4	8,435	4.35	367	18	8,590	396	26%	-53	-7
548281 08-31-59 STUD 61-02	RIVERVIEW ILLETA-S 496783 STATES	PRINCE.....*	1787052 8-33,35,82,86,91	1 6-67	143	1.48	54	4.6	10,194	4.74	483	14	9,668	462	84%	+487	+20
548302 04-15-59	LEVEL GREEN 534855 STATES	8EACDN-S PAUL.....*	1790660 1-35	33 5-65	6	1.67	3	3.0	8,325	4.92	410	8	9,730	463	21%	-285	-10
548303 05-07-59	ELDERWOOD V 529460 STATES	GEORGE.....	1799324 1-35	20 5-66	5	1.00	1	5.0	6,510	4.09	266	1	7,608	354	14%	-169	-12
548422 02-08-59	LEBANON VALLEY 534922 STATES	KINGS AARON....*	1599804 1-23	13 5-67	9	1.56	2	7.2	11,020	4.66	514	13	10,115	477	22%	+217	+9
548499 10-30-59	LESLIE R 449539 STATES	ADJUTANT.....*	1221537 1-52	17 5-67	18	1.33	1	18.0	7,171	4.71	338	28	7,575	338	22%	-123	-1
548593 09-11-59	GREEN VALLEY-S 475548 STATES	FLASH.....*	1509853 2-35,42	4 5-67	28	1.57	4	15.6	10,392	4.68	486	7	9,861	461	34%	+206	+9
548618	STATES	1-34	0-00	4	5	2.00	1	5.0	9,287	5.35	497	12	9,885	509	16%	-83	0
548696 09-09-59	SENRA8 MARLENE-S 518622 STATES	ROYAL.....*	1644407 2-35,65	4 5-67	24	2.00	4	14.0	9,210	4.84	446	16	9,190	467	34%	+8	-5
548697 09-18-59	SENRA8 SIR 534733 STATES	RODERIC.....	1804582 1-67	14 1-67	9	1.33	1	9.0	8,902	5.03	448	11	8,876	413	19%	0	+6
548698 10-11-59	SENRA8 ROYAL 518622 STATES	REX.....	1344199 1-35	23 5-67	19	1.16	2	13.9	8,280	4.44	368	5	8,482	396	26%	-68	-7
548785	STATES	1-21	0-00	17	6	1.17	3	3.0	8,526	4.53	386	13	8,481	387	20%	-3	0
548840 06-08-59	ROCK MOORS 503449 STATES	CORONATION KING....*	1074752 3-35,41,57	0 5-67	21	1.57	8	7.5	9,621	4.93	474	26	9,652	477	39%	+7	0
548853	STATES	1-32	0-00	0	9	1.00	1	9.0	12,034	4.13	497	11	10,526	467	17%	+281	+6
548854 08-17-59	KINGENDALE JOLLY 529903 STATES	PREMIER.....*	1290292 1-31	14 5-67	23	1.52	1	23.0	9,424	4.55	429	6	9,999	455	24%	-117	-5
548869	STATES	1-21	0-00	5	5	1.60	2	2.6	10,690	5.03	538	42	10,753	530	19%	+19	+3
548871 03-02-59	DEERSHORN 515261 STATES	RADIANT.....*	1618170 1-16	22 5-67	11	1.36	3	5.3	7,229	4.74	343	18	8,402	403	27%	-337	-16

REGISTRATION				DAUGHTERS		NO OF EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL	INC %	NO	REC / OAU	OF HEROS	OAU / HERO	MILK	AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
548876 12-06-58	ROLLING RIOGE 424343 STATES	WELFARE..... 1569922 2-35,41	* 33 5-67	16	1.06	2	14.1	7,473	4.72	353	4	7,362	363	22%	-14	-3
548925	STATES	1-56	* 17 0-00	6	1.67	2	4.3	9,347	4.37	408	40	9,543	427	19%	-29	-3
548950 09-22-59	GOLSENS MR MICKY..... 525463 STATES	1813998 1-35	* 21 5-67	20	1.35	1	20.0	8,412	4.48	377	9	8,148	372	23%	+37	0
548954 01-12-60	LAUXMONT CENTURION..... 456337 STATES	1742553 2-23,43	* 6 5-67	19	1.53	3	15.3	8,164	4.56	372	17	8,055	366	26%	0	0
549025 09-14-59	OAIRYMAN JAOINE-S VALIANT..... 475548 STATES	1238262 1-35	* 0 5-67	14	1.36	2	7.1	9,441	5.21	492	20	9,131	473	29%	+90	+7
549056 08-22-59	MISSISSINIEWA FARMS N CHUM..... 520043 STATES	1567575 1-31	* 0 5-67	15	1.33	1	15.0	11,308	4.82	545	23	9,941	490	21%	+309	+13
549068 05-27-59	WYNDO STATELY HARLEQUIN..... 488556 STATES	1690557 4-23,51,56,58	* 22 5-67	10	1.40	5	2.2	9,346	4.73	442	43	9,409	432	32%	-11	+3
549072	STATES	1-42	* 20 0-00	7	1.14	3	3.8	8,685	4.49	390	9	7,040	343	21%	+295	+8
549095 02-03-60	FLYING HORSE ROSES ROYAL..... 496678 STATES	1502225 1-56	* 0 5-67	19	1.58	5	8.3	8,037	4.54	365	55	9,009	414	35%	-346	-17
549144 01-06-60	LANGWATER PRINCIPAL..... 424926 STUO 12-03 STATES	1830604 2-12,13	* 0 0-00	15	1.27	2	13.1	8,054	4.33	349	26	6,838	320	23%	+223	+4
549145	STATES	1-22	* 0 0-00	5	1.60	2	2.6	11,614	4.68	543	12	11,389	554	20%	+87	0
549152 01-13-60	GEOR GLAOC ACE..... 443144 STATES	1627611 1-35	* 5-67	7	1.14	1	7.0	6,310	5.04	318	16	6,961	309	16%	-141	0
549201 07-23-59	HILLSPRIOE EMBLEMS TROJAN..... 418022 STATES	1738248 1-93	* 5-67	11	1.27	1	11.0	8,102	4.89	396	15	8,793	405	20%	-141	-1
549234 08-20-59	GAYOSO VIEW FAMES FABRON..... 512974 STUO 63-02 STATES	1287512 3-56,63,73	* 11 6-67	14	1.43	9	1.8	9,339	4.23	395	17	8,752	398	41%	+226	-2
549236	STATES	1-65	* 0-00	5	1.60	2	2.6	8,321	4.19	349	21	7,707	337	20%	+92	0
549290 02-29-60	FLYING HORSE MASTER-S KING..... 514114 STUO 23-09 STATES	934508 1-23	* 8 6-67	111	1.59	64	2.4	9,333	4.84	452	13	9,391	443	85%	-28	+8
549309	STATES	1-31	* 0-00	6	1.00	2	4.3	8,365	5.01	419	12	9,268	430	17%	-149	-1
549335 01-17-60	PRESTOALE F ARCTIC..... 475548 STUO 35-21 STATES	1781211 3-32,82,91	* 0 6-67	13	1.69	4	6.6	11,462	4.78	548	24	10,373	471	30%	+368	+24
549336 10-17-59	LAKE LOUISE PATSY-S PRINCE..... 517838 STUD 91-13 STATES	950680 3-82,91,92	* 8 6-67	46	1.41	28	2.4	10,180	4.85	494	13	10,049	483	68%	+150	+11
549343 08-26-59	HERMITAGE VIEW FORE MONARCH... 515718 STATES	1353573 1-63	* 0 5-67	12	1.50	3	5.5	8,528	4.53	386	20	9,433	423	29%	-256	-10
549362 09-13-59	SUNNY MEACOWS ULTRAS KING..... 486831 STATES	1362310 1-35	* 15 5-67	19	1.37	1	19.0	8,939	4.84	433	19	10,189	519	22%	-256	-16
549369 11-01-59	GRANO VIEW ROYAL NOBLEMAN..... 503895 STATES	1720649 1-55	* 5-67	10	1.30	2	8.2	7,563	4.48	339	16	6,531	300	21%	+162	+5
549386	STATES	1-31	* 0-00	5	1.00	1	5.0	7,916	4.42	350	26	8,844	407	14%	-129	-7
549394	STATES	1-33	* 0-00	13	1.31	3	5.1	9,674	4.63	448	15	10,058	472	31%	-89	-5
549428 02-08-60	AOLYNN ACRES THUNOER..... 543033 STATES	1743266 1-35	* 25 11-65	8	1.25	1	8.0	9,099	4.92	448	10	9,505	470	18%	-64	-2
549439 08-28-59	JOHN PLAINS V A VIRGIL..... 533320 STATES	1817622 1-33	* 0 5-67	22	1.59	2	12.4	7,504	4.80	360	11	8,138	371	32%	-236	-5
549511 02-12-60	GERRY MANOR AUGUSTUS..... 446983 STUO 21-10 STATES	1615756 2-21,23	* 12 6-67	50	1.34	33	2.5	10,018	4.78	479	21	9,719	459	69%	+247	+15
549548 04-05-59	GOLDEN HILLS T TRIUMPH..... 538809 STATES	1049443 1-63	* 5-67	7	1.86	1	7.0	9,017	4.42	399	18	9,524	430	19%	-89	-5
549588 09-12-59	WOGACRES EMPEROR..... 524479 STUO 34-01 STATES	1369854 6-22,23,32,34,47	* 14 6-67	72	1.32	45	2.7	10,675	4.69	501	13	10,334	496	76%	+349	+8

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER		ADJUSTED		REPEATABILITY		PREO		
NUMBER	NAME	OF	BULL	INC	NO	REC /	OF	OAU /	HERO	MILK	AVERAGES	FAT	HEROMATE	AVERAGES	OF SIRE	DIFF	FAT		
				%		OAU	HEROS	HERO			%		NO	MILK	FAT	MILK	FAT		
549596	EDISTO FARMS	TRANSFER	FRANSON.*		14	1.00	1	14.0		11,644	4.17	485	84	10,946	474	19%	+169	+3	
09-04-59	453207	1186548	5-67																
	STATES	1-58																	
549599	.....*				6	1.00	3	3.0		8,512	4.05	345	46	7,962	335	19%	+81	0
	STATES	3-55,57,72	0-00																
549636	ROLLANDIAS K	BARON.....*		0	5	2.00	1	5.0		9,212	4.99	460	7	8,847	403	17%	+56	+9	
08-10-59	527483	1757955	1-67																
	STATES	1-35																	
549686	LAUXMONT GERONIMO.....*			0	11	1.36	2	9.1		8,721	4.94	431	18	8,975	417	22%	-59	+3	
03-14-60	510148	1178521	5-67																
	STATES	2-31,56																	
549771	.....*				11	1.00	1	11.0		12,216	4.14	506	9	10,518	491	18%	+334	+4
	STATES	1-52	0-00																
549772	.....*			20	6	1.17	1	6.0		8,377	4.62	387	38	8,356	386	15%	-8	0
	STATES	1-52	0-00																
549794	KENWAY KARENS	OUOE.....*		0	14	1.21	1	14.0		8,780	4.66	409	9	8,594	407	20%	+27	0	
10-30-59	529592	1717000	5-67																
	STATES	1-46																	
549818	WYE HEIGHTS RICHMOND.....*			22	13	1.31	4	6.6		8,683	5.04	438	36	9,000	446	28%	-92	-1	
01-22-60	527221	1749238	5-67																
	STATES	3-23,51,55																	
549894	CASHMERS ACTOR	OANNY.....*		10	12	1.42	3	4.1		9,567	4.49	430	10	8,717	413	31%	+252	+5	
10-12-59	539686	1649901	5-67																
	STATES	2-33,35																	
549937	TOMES HERMITAGE.....*			0	10	1.50	1	10.0		8,057	4.75	383	6	8,296	386	20%	-63	-1	
08-27-59	526993	1732789	5-67																
	STATES	1-61																	
549997	.....*				6	1.00	1	6.0		10,980	4.45	489	42	10,003	465	15%	+156	+4
	STATES	1-52	0-00																
550010	HOMINY HILL	BLAZE.....*		13	9	1.44	2	4.5		9,468	4.85	459	30	10,099	474	25%	-135	-2	
10-31-59	520879	1191229	5-67																
	STATES	1-23																	
550035	.....*				8	1.00	2	6.2		7,770	4.94	384	6	7,435	352	18%	+30	+4
	STATES	2-41,42	0-00																
550056	.....*				7	1.00	1	7.0		10,291	4.59	472	340	10,187	456	16%	+32	+3
	STATES	1-85	0-00																
550057	.....*				7	1.00	1	7.0		10,443	4.66	487	329	10,546	475	16%	+6	+2
	STATES	1-85	0-00																
550098	.....*				9	1.22	2	7.2		10,790	4.46	481	14	9,862	463	20%	+199	+4
	STATES	1-35	0-00																
550099	COWAN FARMS	FLASHS MAJOR.....			16	1.19	3	12.3		9,516	4.55	433	22	8,964	417	24%	+128	+3	
10-23-59	475548	1725821	5-67																
	STATES	1-35																	
550138	.....*			0	8	1.25	1	8.0		8,820	4.18	369	11	8,608	378	18%	+28	-2
	STATES	1-57	0-00																
550142	LAUXMONT CALIPH.....*			20	12	1.50	2	10.1		10,087	4.46	450	81	9,665	467	23%	+109	-2	
04-04-60	539151	1534540	5-67																
	STATES	2-22,56																	
550228	HIPARKS A	REWARD.....*		0	12	1.33	1	12.0		6,959	4.61	321	26	7,721	364	20%	-182	-9	
12-11-59	529923	1586699	5-67																
	STATES	1-41																	
550232	WESTLYNN NERO-S	NAVAHO.....*		0	13	1.38	6	3.1		11,653	4.91	572	18	10,704	525	36%	+393	+20	
09-17-59	520988	991719	5-67																
	STATES	2-82,92																	
550260	LIBERTYS PERFECTOR	DUKE.....*		0	12	1.67	1	12.0		10,142	4.68	475	41	9,580	434	22%	+132	+9	
08-01-59	473496	1614577	5-67																
	STATES	1-93																	
550356	HANOVER HILL	CONQUEROR.....*		23	22	1.32	3	18.2		9,293	4.41	410	24	9,448	423	25%	-31	-3	
01-06-60	503097	1469298	5-67																
	STATES	2-21,55																	
550414	SUNNYMEOE	BONANZA-S	GUARD.....*	6	17	1.53	1	17.0		8,904	4.78	426	8	8,778	407	22%	+20	+4	
11-17-59	496783	1525109	5-67																
	STATES	1-73																	
550451	LEVEL GREEN	BEACONS	GEORGE....*	22	10	1.60	2	8.2		8,284	4.86	403	20	9,174	430	22%	-197	-5	
10-07-59	534855	1581449	5-67																
	STATES	1-35																	
550511	K NAOMIS	VIRGELS	TRAVELER.....*	30	11	1.09	3	5.1		10,066	4.76	479	17	10,816	525	26%	-151	-9	
09-01-59	512972	1546923	5-67																
	STATES	2-16,32																	
550529	HUNKY	ODRY	NOBLE	LAO.....*	0	9	1.67	1	9.0		7,165	4.72	338	18	7,760	371	20%	-147	-7
12-13-59	421539	1570418	5-67																
	STATES	1-35																	
550570	COLBYS	SQUIRE.....*		5	20	1.25	1	20.0		10,912	4.66	509	10	8,905	432	22%	+436	+17	
11-11-59	516703	1527282	5-67																
	STATES	1-31																	
550595	KYLANOS	ROYAL	LEVITY.....*	0	10	2.00	1	10.0		8,393	4.71	395	9	8,291	380	22%	+3	+2	
12-17-59	495454	1442733	5-67																
	STATES	1-35																	

REGISTRATION					DAUGHTERS			EFF			DAUGHTER			ADJUSTED		REPEATABILITY			PRED	
NUMBER	NAME	DF	BULL	INC	NO	REC / DAU	ND / HERDS	DAU / HERD	MILK	AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT			
550669	MCDONALD FARMS	JOLLY	DDCTDR...	14	26	1.38	19	1.7	8,801	4.94	435	16	9,605	449	57%	-432	-6			
02-23-60	439587	988072	5-67																	
STUD 35-05	STATES	1-35																		
550758	BROOKBERRY	JOLLY	MONITDR.....	0	17	1.76	3	11.8	11,151	4.75	530	37	11,335	527	29%	+10	+3			
12-18-59	518023	1748463	5-67																	
	STATES	3-55,56,64																		
550772	WESTERN GLDW	MELBAS	CHAMPIDN..	0	6	1.00	2	4.3	12,808	4.41	565	25	12,237	597	17%	+148	-2			
09-12-59	422711	1890678	6-67																	
STUD 91-11	STATES	2-84,91																		
550793	SPAR	HILL	GOVERNDR.....	14	32	1.31	13	7.6	11,170	4.91	548	15	12,373	598	47%	-413	-15			
01-22-60	524993	1511048	6-67																	
STUD 33-03	STATES	7-13,15,23,51,52																		
550802	.....	.....	.....	0-00	6	1.17	3	2.3	7,566	4.77	361	9	8,660	403	21%	-239	-9
	STATES	1-33																		
550819	ALVADEAN	NOBLE	JEFF.....	21	21	1.38	2	11.0	9,509	4.78	455	11	9,381	438	32%	+48	+6			
07-29-59	537405	1640756	5-67																	
	STATES	1-35																		
550821	.....	.....	.....	0-00	11	1.09	7	1.9	11,392	4.85	552	17	11,374	540	33%	+80	+7
	STATES	2-91,92																		
550850	SPARTAN	PRELUDE	BUTCH.....	13	12	1.50	1	12.0	7,187	4.87	350	12	7,980	367	21%	-188	-4			
08-22-59	443144	1703613	5-67																	
	STATES	1-35																		
550852	DEEP	LAKE FLASH-S	PHILSDPHER.	13	24	1.29	15	2.6	9,024	4.74	428	9	9,147	436	52%	-63	-3			
01-20-60	475548	1290353	6-67																	
STUD 41-01	STATES	1-41																		
550866	LISETER	SULTAN.....	.....	11	104	1.07	7	73.4	9,369	4.48	420	323	10,451	469	31%	-297	-13		
11-04-59	499468	1332980	6-67																	
	STATES	5-23,43,65,72,85																		
550886	OAKLAND	MANDR	TARUS.....	14	14	1.21	1	14.0	6,615	4.97	329	6	8,078	380	20%	-319	-11			
02-02-60	496783	1683131	5-67																	
	STATES	1-51																		
550919	CHECO	JANETS	KING.....	13	146	1.38	62	3.6	9,902	4.57	453	16	9,464	444	86%	+402	+8			
04-28-60	472563	1258202	6-67																	
STUD 23-09	STATES	3-23,31,57																		
550931	.....	.....	.....	0-00	5	1.00	5	1.0	10,410	4.42	460	32	9,662	451	20%	+160	+2
	STATES	3-23,56,65																		
550933	.....	.....	.....	0-00	6	1.17	2	3.3	10,107	4.73	478	13	10,166	473	19%	+8	+2
	STATES	1-91																		
550943	FRANCHESTER	CECILIA-S	MODEL...	22	63	1.29	42	2.1	9,458	4.81	455	18	9,438	446	75%	+36	+7			
01-27-60	496783	1851126	6-67																	
STUD 35-21	STATES	5-31,35,42,72,86																		
550956	.....	.....	.....	0-00	5	1.00	1	5.0	12,650	4.98	630	15	12,128	575	14%	+111	+9
	STATES	1-34																		
551015	FOREMDST	HAPPY	VALDR.....	0	12	1.50	3	6.1	10,605	4.29	455	48	9,596	420	29%	+300	+10			
01-30-60	533454	1538317	5-67																	
	STATES	1-43																		
551058	.....	.....	.....	13	11	1.00	1	11.0	11,929	4.85	579	15	9,837	491	18%	+393	+17
	STATES	1-84																		
551096	GUERGOLD	FLASH.....	.....	7	30	1.43	5	14.4	10,467	4.84	507	8	9,345	467	36%	+415	+16		
11-29-59	475548	1635000	6-67																	
STUD 91-11	STATES	2-41,42																		
551134	GRAZINGHAVEN-S	ESQUIRE.....	.....	33	9	1.56	1	9.0	6,082	4.80	292	8	7,341	356	19%	-274	-13		
07-12-59	500253	1665274	5-67																	
	STATES	1-41																		
551156	U OF M G	MASTER.....	.....	10	10	1.40	2	8.2	10,762	4.91	528	13	10,189	485	22%	+145	+10		
05-31-60	440484	1770287	6-67																	
STUD 41-01	STATES	1-41																		
551158	.....	.....	.....	0	6	2.17	2	4.3	13,446	4.58	616	10	11,853	567	21%	+388	+13
	STATES	1-91																		
551183	MT ARARAT	BRIGHT	ATLAS.....	19	16	1.31	1	16.0	11,222	4.55	511	39	10,390	462	22%	+205	+11			
01-30-60	514133	1429794	5-67																	
	STATES	1-51																		
551194	.....	.....	.....	0-00	5	1.00	2	3.4	8,264	4.72	390	11	8,438	399	16%	-37	-1
	STATES	1-51																		
551257	MCDONALOS	JOLLY	DALE.....	8	13	1.08	3	4.6	8,760	5.09	446	25	9,494	449	30%	-211	0			
02-13-60	439587	1754516	5-67																	
	STATES	2-21,57																		
551271	MAWL	JUN	CLIPPER.....	.....	20	1.15	2	16.4	9,882	4.38	433	8	10,045	453	24%	-17	-3		
01-04-59	519763	1464793	5-67																	
	STATES	1-82																		
551280	ROYLU	FORE	MASTER.....	.....	8	1.63	4	2.7	8,519	4.91	418	6	9,013	437	28%	-140	-4		
03-17-59	526134	1710955	5-67																	
	STATES	1-33																		
551351	PASTURE	HAVEN	SUPREMES	TIDE...	21	15	1.40	3	11.4	10,735	4.84	520	12	10,693	530	25%	+49	0		
11-26-59	475595	1668868	5-67																	
	STATES	2-32,72																		
551370	ROETTA	BLOSSOM-S	DRBIT.....	8	31	1.39	9	8.2	10,116	4.67	472	28	10,470	518	46%	-100	-16			
12-03-59	540160	1768709	5-67																	
	STATES	4-82,91,92,93																		

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRODUCTION		
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HERO	MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
551406 03-20-60	GRAIN MEADOW 534741 STATES	8FT COUNT.....* 1519022 1-32	5-67	0	24	1.42	2	22.0	9,163	4.52	414	18	9,746	435	25%	-130	-4	
551413	.....	.....	0-00		5	1.20	1	5.0	8,902	4.90	436	17	9,501	482	14%	-80	-5
551429 07-17-59 STUD 35-05	NORMANDY ROYAL 453207 STATES	NOBLE.....* 1435047 3-32,35,41	5-67	12	17	1.12	13	1.4	9,299	4.39	408	13	9,479	442	45%	-66	-14	
551464 01-16-60	SPAR HILL MAJOR.....* 524993 STATES	1694662 1-23	5-67	0	10	1.30	1	10.0	10,077	5.08	512	30	10,942	535	19%	-130	-2	
551468 11-27-59	HULMARCO MELBA-S 467419 STATES	HORNET.....* 1436528 1-35	5-67	13	16	1.38	1	16.0	8,341	4.90	409	14	9,748	475	22%	-289	-12	
551509 11-29-59	SUNESLOPE-S 496783 STATES	80N 8EMAN.....* 1296024 2-41,42	5-67	25	12	1.50	3	8.5	7,343	5.11	375	17	8,041	382	24%	-196	-2	
551511	.....	.....	0-00		5	1.60	1	5.0	8,823	4.73	417	19	9,493	435	16%	-99	-2
551517	.....	.....	0-00		7	1.00	2	5.2	9,207	5.27	485	32	10,469	508	18%	-200	-2
551583 01-26-60 STUD 21-10	HOMINY HILL LYNN.....* 453762 STATES	1759681 6-67 6-12,13,14,15,16	6-67	17	85	1.31	54	2.5	10,673	4.73	505	16	10,379	494	79%	+330	+13	
551625 11-01-59	GRAYMARSH DOLPHIN.....* 533481 STATES	1669366 5-67 2-82,91	5-67	0	14	1.29	6	4.0	11,032	5.01	553	26	10,608	505	35%	+197	+19	
551733 01-31-60	GRANDVIEW CHIEFTAIN VALOR.....* 495409 STATES	1717052 5-67 2-32,55	5-67	12	26	1.35	2	24.0	9,409	4.43	417	23	10,089	471	25%	-144	-12	
551801 03-26-60	HULLWOOD MOHAWKS GLEN.....* 541094 STATES	1772049 5-67 2-21,63	5-67	0	19	1.16	3	9.0	9,629	4.52	435	15	9,158	435	31%	+148	0	
551846 03-10-60 STUD 87-01	SHAMROCK PRECISE-S 496783 STATES	PARAGON.....* 1199690 4-54,82,86,87	6-67	32	23	1.35	8	6.0	9,678	4.85	469	34	10,076	464	42%	-128	+3	
551878	.....	.....	0-00		5	1.20	1	5.0	12,050	4.56	550	10	12,356	612	14%	+2	-5
551892 01-10-60	MEADOW VIEW L F LEADER.....* 502634 STATES	1652710 5-67 1-41	5-67	29	9	1.56	2	7.2	8,994	4.90	441	11	8,995	443	22%	-3	0	
551902 02-15-60	CARRYON FLASH.....* 475548 STATES	1695177 5-67 1-46	5-67	0	9	1.44	1	9.0	9,168	4.66	427	5	8,906	386	19%	+44	+7	
551916	0-00		20	7	1.14	3	2.7	7,692	4.81	370	59	8,392	400	23%	-174	-7
551920 06-15-60 STUD 61-02	ROSEWOOD BEA HAZEN.....* 498183 STATES	1743437 6-67 1-33	6-67	0	39	1.51	17	5.5	10,172	4.80	488	11	9,964	473	58%	+167	+11	
551921 07-10-60 STUD 61-02	ROSEWOOD ARISTOCRAT BEA.....* 498183 STATES	1759580 6-67 2-33,35	6-67	0	11	1.27	6	2.6	11,245	4.66	524	20	10,620	506	33%	+252	+8	
551984	0-00		20	5	1.40	2	3.4	8,358	5.01	419	10	9,416	466	17%	-177	-7
551995 03-14-60	MEADOW VALE M P REX.....* 472164 STATES	1812361 5-66 1-41	5-66	17	10	1.00	1	10.0	8,335	4.61	384	1	9,167	418	18%	-146	-5	
552021	0-00		20	5	1.00	1	5.0	11,590	4.43	513	4	10,418	468	14%	+177	+7
552022 01-31-60	MAPLE LEAF ROCKY.....* 475548 STATES	1643809 5-67 2-41,42	5-67	6	18	1.72	4	7.6	10,321	4.65	480	13	10,473	478	35%	-6	+2	
552023 02-04-60	MAPLE LEAF PILOT.....* 458927 STATES	1513245 5-67 2-47,48	5-67	14	13	1.46	2	9.6	7,927	4.82	382	4	8,302	399	25%	-112	-4	
552131	.....	.....	0-00		5	1.00	1	5.0	9,022	4.82	435	2	9,096	420	14%	-10	+2
552135 03-12-60	SCHWINGHAMER FARM IDEAL.....* 513332 STATES	1671083 6-67 1-41	6-67	0	12	1.00	1	12.0	7,039	4.69	330	8	9,413	466	19%	-436	-24	
552155 03-20-59	IOEALS CONTENDER.....* 527534 STATES	1731147 5-67 1-32	5-67	0	12	1.58	2	10.1	10,382	5.02	521	9	9,932	506	23%	+122	+5	
552158 01-15-60	IOEALS WINSLOW.....* 532695 STATES	1905294 5-67 2-33,42	5-67	13	17	1.53	2	15.1	6,875	4.86	334	8	7,707	387	24%	-236	-13	
552181	0-00		43	9	1.11	3	3.8	7,645	4.59	351	19	9,024	423	25%	-344	-17

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL	INC	NO	REC / OAU	OF HERDS	DAU / HERD	MILK	AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
552294	ELMBETH BONANZA	0	14	1.43	1	14.0	10,666	4.32	461	17	9,217	424	22%	+313	+8				
C7-06-60	496783	1613323	5-67																
	STATES	1-23																	
552398	GREEN NEEDLES	13	18	2.17	3	7.3	9,308	4.33	403	17	9,066	403	38%	+88	0				
08-12-59	494434	1812871	5-67																
	STATES	1-35																	
552412		*	5	1.00	1	5.0	9,014	5.45	491	79	10,312	529	14%	-160	-3				
	STATES	1-57																	
552421	LAUREL CLIFF	6	17	1.18	1	17.0	8,278	4.93	408	7	8,598	411	21%	-78	0				
05-16-60	526592	1104717	5-67																
	STATES	1-63																	
552424	MAPLEWOOD ROYALIST-S	11	108	1.54	55	3.6	9,469	4.67	442	14	9,344	439	82%	+118	+3				
12-09-53	487028	968572	6-67																
STUD 35-21	STATES	6-31,34,35,42,48																	
552447		*	0	6	1.17	3	3.0	9,057	4.57	414	11	9,560	448	20%	-90	-5			
	STATES	2-41,42																	
552591	DEEPLAKE FLASH-S	33	36	1.17	20	2.4	9,603	4.74	455	17	9,727	461	61%	-40	-1				
09-03-60	475548	1308140	5-67																
STUD 35-05	STATES	3-35,47,81																	
552592		*	40	5	1.00	2	2.6	9,758	4.39	428	31	9,622	431	17%	+31	0			
	STATES	1-32																	
552642	ELRASON P DUKE	*	12	1.25	3	8.5	9,308	4.90	456	25	9,766	454	24%	-92	+1				
02-19-58	456380	757993	5-67																
	STATES	1-92																	
552647	SHAMROCK PRISCILLA-S	15	42	1.55	2	40.0	10,960	4.61	505	54	11,372	520	27%	-50	-1				
05-22-60	496783	1619287	6-67																
STUD 93-02	STATES	2-83,86																	
552709		*	29	8	1.13	1	8.0	8,820	4.09	361	50	8,959	380	17%	-26	-3			
	STATES	1-58																	
552720		*	5	1.00	2	3.4	9,528	4.80	457	8	9,082	412	16%	+68	+7				
	STATES	1-34																	
552738	NORGERTS 8EA	0	25	1.36	8	8.8	10,213	4.65	475	13	9,473	462	39%	+304	+6				
05-25-60	498183	1600002	6-67																
STUD 61-02	STATES	1-33																	
552741		*	5	1.00	1	5.0	7,894	4.45	351	23	8,228	350	14%	-57	0				
	STATES	1-42																	
552794	DULUTH S FASHION	8	13	1.00	10	1.4	9,228	4.79	442	10	9,265	441	38%	-9	+1				
12-10-60	475548	1809161	6-67																
STUD 41-01	STATES	2-41,45																	
552796	ROLINDA PRINCE	57	15	1.20	2	13.1	6,668	4.72	315	25	8,381	381	22%	-398	-15				
08-18-59	533317	1627602	5-67																
	STATES	1-93																	
552832	HI HOPES SHEIK	18	12	1.17	1	12.0	9,190	4.65	427	16	9,108	450	19%	+15	-3				
05-24-60	428868	1669561	5-67																
	STATES	1-35																	
552896	CLEVERLANDS GENERAL	0	7	1.71	2	4.1	15,801	4.31	681	72	12,889	590	23%	+749	+24				
06-06-60	530378	1288688	6-67																
STUD 35-75	STATES	1-93																	
552923		0	7	1.57	1	7.0	11,238	4.40	494	8	10,572	486	18%	+146	+2				
	STATES	1-57																	
552953		*	0	7	1.43	2	5.2	8,930	5.06	452	17	8,487	409	20%	+75	+8			
	STATES	1-32																	
552960		*	17	7	1.00	1	7.0	9,959	4.33	431	26	8,754	422	16%	+182	+1			
	STATES	1-35																	
552972	COLBY S RAMBLER	33	9	1.44	1	9.0	10,537	4.87	513	19	11,376	549	19%	-117	-4				
07-13-60	531527	1819961	5-67																
	STATES	1-34																	
552973		0	6	1.33	2	3.3	9,258	4.72	437	4	9,001	426	20%	+48	+2				
	STATES	1-32																	
552985	LUXERIN FLASH KING	0	10	1.20	1	10.0	8,160	4.88	398	11	8,590	400	19%	-89	0				
08-03-60	475548	886425	5-67																
	STATES	1-35																	
553011		*	0	8	1.00	2	6.2	10,974	4.59	504	14	9,743	473	18%	+237	+6			
	STATES	1-52																	
553026	STEDE WELLS ILAS W	8	13	1.31	1	13.0	7,659	5.03	385	10	8,326	397	21%	-153	-2				
02-28-60	530293	1037684	5-67																
	STATES	1-41																	
553074	DEEP LAKE FLASHS	14	7	1.43	3	3.8	10,219	4.48	458	49	9,433	412	22%	+179	+10				
06-16-60	475548	1403614	5-67																
	STATES	2-43,84																	
553075	SUMMITSTEADS SIR	0	7	1.43	1	7.0	10,187	4.94	503	9	8,537	415	18%	+278	+15				
04-10-60	543631	1558372	5-67																
	STATES	1-31																	
553088	GREYSTONE CHIEF	7	14	1.14	11	1.4	8,981	4.79	430	14	9,155	433	41%	-70	0				
11-14-60	425345	959742	6-67																
STUD 23-11	STATES	2-21,23																	

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO DIFF FAT	
NUMBER	NAME	OF BULL			NO	REC / DAU			MILK	%	FAT	HERDMATE NO	MILK	FAT	%	MILK	%
553089	.....*	0	7	1.43	3	3.8	9,092	4.63	421	45	10,012	466	22%	-183	-8	
	STATES	1-56	0-00														
553142	.....*	0	5	1.00	2	3.4	9,866	5.04	497	18	10,298	492	16%	-49	+2	
	STATES	2-31,61	0-00														
553157	VALLEY GEM TRIUMPHANT CASCADE* 06-27-60 498590 1219626 5-67	27	14	1.07	1	14.0	7,930	4.77	378	37	8,771	418	20%	-172	-7		
	STATES	1-91															
553168	.....*	17	6	1.33	1	6.0	10,482	4.79	502	9	11,352	555	16%	-104	-6	
	STATES	1-34	0-00														
553257	.....*	17	6	1.17	1	6.0	7,954	4.35	346	13	8,069	376	15%	-33	-5	
	STATES	1-52	0-00														
553283	ELMWOOD S KING.....* 12-17-60 528764 1463630 5-67	25	13	1.08	3	9.4	9,339	4.65	434	16	9,545	460	23%	-37	-4		
	STATES	1-35															
553333	.....*	60	5	1.00	1	5.0	8,450	5.05	427	8	9,980	497	14%	-196	-8	
	STATES	1-34	0-00														
553347	SKYLINE COMETS VALIANT.....* 09-06-60 537237 1839595 5-67	0	13	1.46	2	11.1	8,743	5.48	479	11	8,581	467	23%	+24	+3		
	STATES	2-42,47															
553369	PINE RIDGE BLENDS KING.....* 09-26-60 532365 1809676 5-67	0	21	1.29	1	21.0	8,995	4.62	416	14	9,803	432	23%	-166	-3		
	STATES	1-35															
553471	.....*		5	1.60	1	5.0	6,233	4.91	306	35	7,685	350	16%	-252	-7	
	STATES	1-13	0-00														
553503	.....*	9	12	1.00	2	6.6	10,265	4.47	459	39	10,173	440	25%	+48	+5	
	STATES	1-32	0-00														
553517	.....*	63	8	1.00	1	8.0	11,161	4.63	517	25	13,003	582	16%	-238	-7	
	STATES	1-23	0-00														
553549	.....*	50	6	1.33	1	6.0	12,031	4.70	565	23	11,999	590	16%	+51	-1	
	STATES	1-23	0-00														
553550	.....*	0	6	1.33	2	3.3	8,665	4.30	373	11	8,877	401	20%	-46	-5	
	STATES	1-31	0-00														
553581	NORLE NORMAN OF HARDWICK.....* 08-06-60 390190 1065059 5-67	18	11	1.36	4	3.5	10,326	4.55	470	12	9,913	445	31%	+152	+8		
	STATES	1-14															
553620	GARNAVILLO JIM ROYAL.....* 11-06-60 544409 1565094 5-67	0	18	1.06	2	10.7	9,462	4.72	447	13	8,530	386	27%	+238	+15		
	STATES	1-35															
553624	LAURA-LYN G TOMMY.....* 04-18-60 502917 1377563 5-67	0	19	1.37	2	10.7	9,347	4.57	427	13	9,768	442	31%	-109	-3		
	STATES	1-56															
553633	.....*	0	5	1.40	1	5.0	8,261	5.28	436	11	8,916	433	15%	-101	0	
	STATES	1-52	0-00														
553638	.....*	20	5	1.80	1	5.0	7,470	4.73	353	7	7,717	360	16%	-62	-1	
	STATES	1-51	0-00														
553667	LYRENE MAY ROSE PRINCE.....* 11-14-60 526968 1762507 6-67	0	14	1.43	6	6.1	11,868	4.72	560	27	11,475	542	31%	+196	+9		
STUD 34-01	STATES	4-21,23,32,34															
553668	.....*		5	1.00	1	5.0	9,252	4.79	443	3	10,062	464	14%	-97	-1	
	STATES	1-34	0-00														
553669	.....*		5	1.20	2	3.4	11,506	4.83	556	17	10,735	520	16%	+152	+7	
	STATES	2-34,56	0-00														
553757	.....*	13	8	1.13	3	2.7	8,651	5.18	448	51	8,524	415	25%	+16	+8	
	STATES	2-51,55	0-00														
553774	HAPPY HOLLOW DONNAS FLASH.....* 01-05-61 475548 1716023 5-67	25	9	1.00	1	9.0	6,719	4.84	325	12	8,461	399	17%	-309	-12		
	STATES	1-35															
553779	.....*		7	1.29	1	7.0	7,391	5.13	379	15	7,842	379	17%	-97	0	
	STATES	1-51	0-00														
553799	WILBURN HUSTLER INDEX.....* 11-16-59 502590 1274041 5-67	20	12	1.25	2	7.5	8,792	4.72	415	13	8,516	392	25%	+53	+5		
	STATES	1-52															
553825	.....*		5	1.00	1	5.0	9,584	5.22	500	12	9,776	488	14%	-17	+2	
	STATES	1-34	0-00														
553856	SENRA8 JOLLY LUCRATIVE.....* 10-29-60 543694 1644407 6-67	29	14	1.43	1	14.0	8,646	4.98	431	12	10,263	475	22%	-323	-8		
STUD 35-01	STATES	1-35															
553857	SENRA8 JOLLY ROYAL.....* 11-01-60 543694 1804582 8-66	33	6	1.50	1	6.0	9,546	4.91	469	11	10,123	477	17%	-79	0		
	STATES	1-35															

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF- OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HERO	MATE	AVERAGES	FAT	OF SIRE SUMMARY	OFF MILK	FAT
553880	.....*		0-00	5	1.00	1	5.0	9,290	4.70	437	14	9,498	452	14%	-23	-1
STATES 1-23																	
553905	GAYOSO VIEW GOLDEN FAME.....*	25	12	1.00	4	4.5	10,459	4.70	492	28	10,849	522	28%	-61	-5		
02-11-61	496783	1408844	6-67														
STUO 33-03	STATES	1-91															
553915	TUFFY OF QUAORUPLE OAKS.....*	0	10	2.60	1	10.0	7,059	5.21	368	4	8,010	398	23%	-247	-7		
09-20-56	507006	1385206	8-64														
	STATES	1-35															
553930	.....*	17	7	1.43	3	2.7	10,156	5.01	509	9	9,940	491	24%	+71	+6	
STATES 2-32,34																	
553953	.....*		8	1.50	5	2.0	9,949	4.41	439	9	9,307	420	29%	+187	+5	
STATES 1-43																	
553981	.....*		6	1.17	2	3.3	10,031	4.19	420	32	9,326	429	19%	+138	-1	
STATES 2-16,35																	
554105	.....*		5	1.00	5	1.0	8,928	4.45	397	9	10,546	491	20%	-295	-17	
STATES 1-32																	
554135	RIVEROALE QUEENS OANNY.....*	7	17	1.29	1	17.0	7,401	4.36	323	14	7,436	331	22%	-44	-3		
02-05-60	430197	1226787	1-67														
	STATES	1-35															
554141	MACK FARMS ACTOR.....*	17	9	1.22	1	9.0	10,323	4.32	446	8	9,959	459	18%	+80	-1		
03-10-60	533507	1507325	5-67														
	STATES	1-35															
554195	.....*		6	1.00	3	3.0	7,993	4.63	370	21	9,023	411	19%	-195	-7	
STATES 1-21																	
554198	.....*	80	5	1.00	1	5.0	8,548	4.41	377	5	9,172	436	14%	-84	-7	
STATES 1-35																	
554210	.....*	13	8	1.00	2	6.2	10,226	4.79	490	20	10,680	501	18%	-54	0	
STATES 2-21,63																	
554233	8ELMONT VIEW SARGENT ANOY.....*	0	10	1.60	1	10.0	10,099	4.65	470	29	8,842	415	21%	+251	+11		
12-06-60	545680	1379677	5-67														
	STATES	1-55															
554237	PRE EMINENT SONNY FAROUK.....*	35	24	1.25	1	24.0	7,418	4.56	338	13	8,303	378	23%	-220	-9		
09-24-60	509308	1020686	5-67														
	STATES	1-43															
554249	.....*	0	6	1.00	2	4.3	9,572	4.77	457	11	9,705	459	17%	-12	0	
STATES 1-42																	
554268	KLONOIKE ROMULUS REX.....*	0	9	1.00	6	1.6	8,977	4.52	406	39	9,172	442	29%	-55	-9		
11-12-60	515206	1834049	5-67														
	STATES	3-52,55,56															
554395	WOODACRES ROYAL ROSE MASTER...*	33	26	1.08	5	7.0	9,588	4.51	432	51	9,439	441	41%	+74	-3		
08-16-60	540160	1768710	5-67														
	STATES	3-22,23,56															
554434	BROWNIES FARMS OZZIE.....*	11	26	1.19	12	4.3	10,893	4.87	530	19	10,678	516	48%	+177	+11		
09-30-60	448935	1581488	5-67														
	STATES	3-82,91,92															
554457	.....*	0	8	1.00	1	8.0	7,025	4.34	305	5	6,308	275	16%	+71	+2	
STATES 1-43																	
554507	.....*	50	6	1.00	1	6.0	9,300	4.80	446	22	9,713	456	15%	-51	0	
STATES 1-32																	
554508	VALLEY SET FINANCIERS FORMAN...*	8	12	1.00	7	2.5	10,458	4.70	492	18	9,929	471	33%	+200	+8		
12-20-60	503781	1762720	5-67														
	STATES	2-31,32															
554510	.....*	0	7	1.00	2	5.2	9,609	5.10	490	13	9,253	453	18%	+65	+7	
STATES 1-31																	
554513	YELLOW CREEK HERO JANUS.....*	33	21	1.19	2	10.7	9,426	4.65	438	22	9,653	458	31%	-55	-5		
11-30-60	496474	1704721	5-67														
	STATES	1-48															
554523	GRANO VIEW CHIEFTAIN EMORY.....*	9	12	1.50	1	12.0	8,484	5.03	427	13	8,528	409	21%	-21	+3		
09-20-60	495409	1115176	5-67														
	STATES	1-56															
554530	.....*	17	6	1.17	4	2.0	9,602	4.50	432	16	8,978	426	22%	+131	+1	
STATES 2-35,63																	
554541	.....*	0	6	1.33	2	3.3	8,123	5.31	431	7	9,020	454	20%	-177	-3	
STATES 1-47																	
554600	ROSENEATH OORIS OICK.....*		6	2.00	1	6.0	11,057	4.68	518	8	9,712	479	19%	+262	+8		
01-18-56	423418	1608883	5-67														
	STATES	1-35															
554601	ROSENEATH BELLS CHALLENGER....*		5	1.40	1	5.0	8,666	4.96	430	10	10,374	503	15%	-238	-9		
09-16-59	443144	1608882	5-67														
	STATES	1-35															
554639	FIRESDOE NEROS CROWN.....*	27	15	1.00	4	6.0	9,462	4.59	434	15	9,712	435	30%	-57	0		
02-10-61	518124	1816682	5-67														
	STATES	1-31															

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO		
NUMBER	NAME	OF	SULL		NO	REC / OAU			MILK	%	FAT	HERO	MATE	AVERAGES	OF SIRE	SUMMARY	MILK	FAT
554688	.....*			0-00	5	1.20	3	2.2	8,983	4.69	421	39	9,343	434	18%	-62	-1
	STATES	2-92,93																
554708	BROWNIES FARMS OREGON.....*			0-00	0	10	1.20	6	2.4	10,273	4.92	505	22	10,824	521	31%	-116	-1
08-18-60	496783	1828972																
STUO 92-01	STATES	3-82,91,92																
554725	.....*			0-00	5	1.20	2	2.6	10,177	4.52	460	21	9,986	452	18%	+49	+2
	STATES	1-35																
554731	MCOONALO FARMS J V EMINENT.....*			6-67	9	37	1.24	30	1.3	8,690	4.82	419	13	9,388	447	66%	-441	-17
02-04-61	530291	1034863																
STUO 23-09	STATES	1-23																
554829*			0-00	33	6	1.00	1	6.0	9,422	4.42	416	44	8,435	394	15%	+135	+3
	STATES	1-74																
554850*			0-00	17	8	1.50	1	8.0	9,796	4.50	441	9	10,256	458	18%	-63	-2
	STATES	1-32																
554856	HAPPY ACRES GIRL JO 80Y.....*			5-67	0	8	1.38	1	8.0	9,168	4.55	417	25	8,299	391	18%	+142	+4
10-30-60	544724	1734369																
	STATES	1-35																
555005	WILEVA VICEROYS SATELLITE.....*			5-67	9	11	1.09	2	9.1	9,116	4.74	432	19	9,857	452	21%	-136	-3
07-14-60	455056	1633862																
	STATES	1-84																
555012	ARTIE A VIRGILS MYRON.....*			5-67	7	15	1.73	1	15.0	12,233	4.46	546	11	10,311	488	23%	+471	+15
09-18-60	518026	1811535																
	STATES	1-35																
555014*			0-00	20	5	1.20	1	5.0	9,407	5.11	481	12	9,341	462	14%	+12	+3
	STATES	1-42																
555024	LEAFY LANE DIAMONO JIM.....*			6-67	13	32	1.09	19	2.4	9,103	4.89	445	15	9,382	444	58%	-147	+1
12-23-60	496783	1575445																
STUO 35-05	STATES	4-32,35,41,42																
555029	.....*			0-00	6	1.17	3	2.3	8,528	4.64	396	16	9,376	430	21%	-172	-6
	STATES	2-21,63																
555030*			0-00	0	6	1.17	2	4.3	9,248	4.14	383	36	9,818	427	18%	-87	-7
	STATES	2-13,32																
555035	SPRING RIOGE NORTHERN LAD.....*			8-66	13	8	1.38	1	8.0	9,898	4.97	492	24	9,681	453	18%	+49	+7
09-25-60	382418	1790478																
	STATES	1-35																
555039	.....*			0-00	6	1.00	2	3.0	9,242	5.12	473	18	9,760	466	19%	-85	+2
	STATES	1-33																
555042	NORGERTS 8 A JOLLY.....*			5-67	0	10	1.10	1	10.0	8,492	4.80	408	18	7,992	377	18%	+70	+5
02-14-61	534954	1685385																
	STATES	1-33																
555049	.....*			0-00	5	1.20	2	2.6	9,555	5.17	494	21	9,911	476	18%	-49	+4
	STATES	1-35																
555112*			0-00	0	6	1.00	5	1.3	9,813	4.63	454	17	9,287	437	22%	+120	+4
	STATES	4-22,32,42,63																
555128	YELLOW CREEK S QUALIFIER.....*			5-67	7	15	1.40	1	15.0	9,600	4.88	468	9	10,218	471	22%	-110	0
11-17-60	475595	1388019																
	STATES	1-41																
555132	GREEN VALLEY PATRON.....*			5-67	13	9	1.33	1	9.0	9,345	4.91	459	78	9,460	458	19%	-15	+1
11-20-60	508321	1491764																
	STATES	1-22																
555217	EMROY BONAPARTE.....*			6-67	0	10	1.20	5	3.2	10,597	4.73	501	17	10,312	496	29%	+115	+3
09-07-60	496783	1656152																
STUO 21-10	STATES	2-21,23																
555238	DAIRYMAN PRINCE.....*			1-67	0	6	1.17	1	6.0	7,373	4.76	351	12	7,786	382	15%	-84	-5
11-22-60	516149	1816787																
	STATES	1-35																
555241*			0-00	0	5	1.00	1	5.0	9,064	4.08	370	17	8,012	363	14%	+128	0
	STATES	1-35																
555243	.....*			0-00	6	1.00	1	6.0	9,005	4.73	426	6	7,823	386	15%	+154	+5
	STATES	1-47																
555298*			0-00	0	8	1.25	1	8.0	10,976	4.86	533	6	10,290	495	18%	+140	+8
	STATES	1-91																
555312	.....*			0-00	6	1.50	2	3.3	8,652	4.33	375	11	8,590	392	21%	+1	-3
	STATES	1-32																
555345	MAPLE LEAF SUPERLINE.....*			5-67	18	11	1.00	1	11.0	8,140	4.50	366	7	7,845	361	18%	+30	0
07-08-60	541140	1818680																
	STATES	1-41																
555368*			0-00	20	5	1.00	3	1.8	7,884	5.18	408	22	8,650	429	18%	-148	-3
	STATES	2-23,51																
555389	YELLOW CREEK TOP LAOOIE.....*			5-67	21	14	1.43	2	12.1	9,983	5.00	499	24	9,813	465	23%	+55	+9
12-20-60	546396	1815429																
	STATES	1-35																

REGISTRATION					DAUGHTERS		NO OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED OFF	
NUMBER	NAME	OF BULL	INC %	NO	REC / DAU	MILK			%	FAT	HERDMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	MILK	FAT	
555390	YELLOW CREEK	8	SOUVENIR.....*	33	10	1.20	2	8.2	8,847	5.08	449	7	10,444	483	21%	-300	-5
12-22-60	547581	1896456	5-67														
	STATES	1-41															
555391	.....*		0-00	0	9	1.11	3	5.6	11,822	4.49	531	12	11,337	514	22%	+153	+5
	STATES	2-32,72															
555434	.....*		0-00	14	7	1.00	1	7.0	10,944	4.32	473	13	11,036	494	16%	+15	-1
	STATES	1-43															
555440	GOLD BANNER	8	FRANK.....*	13	8	1.25	2	6.2	8,397	4.91	412	10	9,216	425	20%	-159	-2
11-11-60	496783	1024645	5-67														
	STATES	1-31															
555446	.....*		0-00	33	6	1.00	3	3.0	8,680	4.57	397	8	9,108	415	19%	-80	-3
	STATES	1-31															
555455	.....*		0-00		5	1.00	1	5.0	7,864	4.84	381	22	8,870	413	14%	-140	-4
	STATES	1-31															
555516	.....*		0-00		5	1.00	1	5.0	8,004	4.27	342	4	7,150	318	14%	+89	+2
	STATES	1-43															
555546	ANGSTMAN FARM		POLLED CHAMPION.*	0	8	1.25	1	8.0	13,159	4.28	563	8	9,519	451	18%	+643	+20
10-01-60	530027	1954989	5-67														
	STATES	1-41															
555577	CORNER VIEW K		PREMIER.....*	0	7	1.57	1	7.0	10,579	4.72	499	18	10,921	506	18%	-29	0
07-05-60	526595	1255937	5-67														
	STATES	1-21															
555597	.....*		0-00	0	9	1.00	2	7.2	8,751	5.03	440	11	8,951	441	19%	-41	0
	STATES	1-91															
555599	.....*		0-00	40	5	1.00	1	5.0	8,388	4.74	398	16	8,396	388	14%	-10	+1
	STATES	1-35															
555604	.....*		0-00	33	6	1.00	1	6.0	7,993	4.93	394	5	8,950	462	15%	-143	-9
	STATES	1-42															
555671	.....*		0-00	0	6	1.17	2	3.3	10,091	4.50	454	4	8,793	401	19%	+241	+9
	STATES	1-43															
555694	.....*		0-00	33	6	1.00	1	6.0	7,865	4.96	390	34	9,828	474	15%	-278	-11
	STATES	1-21															
555754	GRAIN MEADOW		V LEADER.....*	8	12	1.25	2	8.6	9,331	4.99	466	9	9,608	474	23%	-53	0
08-22-60	529456	1303971	5-67														
	STATES	1-32															
555755	.....*		0-00	10	10	1.00	2	6.8	8,380	4.89	410	22	9,898	471	21%	-305	-11
	STATES	1-93															
555799	.....*		0-00	20	5	1.40	1	5.0	9,835	4.96	488	17	10,346	492	15%	-58	0
	STATES	1-35															
555819	WYNO HAMLETS		HORNET.....*	9	35	1.03	13	7.8	11,104	4.85	539	23	10,583	516	47%	+311	+15
12-26-60	543941	1800656	5-67														
	STATES	7-15,16,21,31,32															
555838	.....*		0-00	20	5	1.20	1	5.0	9,679	4.59	444	7	9,286	432	14%	+58	+2
	STATES	1-41															
555844	GRAYSMARSH		MAINSTAY.....*	10	12	1.17	3	8.5	10,238	5.03	515	17	10,481	505	23%	-24	+4
08-23-60	506917	1827762	5-67														
	STATES	2-91,92															
555881	HIGH MEADOWS		CORRECTOR.....*	22	10	1.10	3	6.6	11,683	4.84	566	16	11,200	548	22%	+151	+6
11-09-60	540033	972756	5-67														
	STATES	2-21,73															
555887	.....*		0-00	20	11	1.18	2	9.1	7,157	4.47	320	14	7,810	340	21%	-164	-5
	STATES	1-56															
555907	.....*		0-00	0	8	1.00	1	8.0	9,418	4.75	447	10	9,305	436	16%	+21	+2
	STATES	1-32															
555954	.....*		0-00	25	9	1.00	2	7.2	9,756	5.08	496	9	10,400	504	19%	-98	0
	STATES	1-42															
555991	.....*		0-00	0	6	1.00	2	3.3	9,872	4.45	439	91	8,488	391	18%	+241	+8
	STATES	2-65,74															
556016	.....*		0-00	50	6	1.00	2	4.3	7,005	4.78	335	119	9,343	447	17%	-389	-18
	STATES	1-52															
556020	EDISTO FARMS		FLASHS STAR.....*	20	102	1.01	54	3.2	9,963	4.68	466	28	9,471	443	79%	+416	+19
01-02-61	475548	1534347	6-67														
STUD 31-02	STATES	7-31,43,51,56,58															
556023	.....*		0-00	0	7	1.00	1	7.0	7,940	4.35	345	21	7,629	341	16%	+25	0
	STATES	1-56															
556024	.....*		0-00	0	5	1.00	1	5.0	9,232	4.65	429	54	9,140	427	14%	+12	0
	STATES	1-56															

REGISTRATION					INC %	DAUGHTERS		ND OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED DIFF FAT
NUMBER	NAME	OF	BULL	ND		REC / DAU	MILK			%	FAT	HERDMATE NO	MILK	AVERAGES FAT	DF SIRE SUMMARY		
556059 01-19-61	WANDAMERE PRE 488786 STATES	TRUMPETER 1787285 2-92,93	***** 6-67	21	21	1.00	2	14.5	9,752	4.91	479	34	11,086	538	26%	-296	-12
556088	STATES	1-41	***** 0-00	0	6	1.17	2	4.3	9,841	4.67	460	12	10,991	522	18%	-168	-8
556142	STATES	1-35	***** 0-00	13	8	1.38	2	6.2	10,814	4.72	510	7	9,188	467	20%	+331	+9
556160 01-05-61	FOREMOST HAPPY 533454 STATES	JUSTIN 1612306 1-47	***** 5-67	14	21	1.05	3	9.9	10,685	5.06	541	12	9,443	476	32%	+400	+22
556174	STATES	1-52	***** 0-00	0	6	1.33	1	6.0	11,183	5.19	580	9	10,119	463	16%	+187	+19
556177	STATES	1-23	***** 0-00	40	5	1.20	1	5.0	9,603	4.95	475	15	9,700	469	14%	-5	+1
556182 02-03-61	WODDACRES C 425345 STUD 22-03	CHIEF 1730195 2-22,23	***** 5-67	20	15	1.00	12	1.5	9,762	4.73	462	16	9,684	466	41%	+54	0
556183	STATES	2-55,56	***** 0-00	20	5	1.00	2	3.4	9,696	4.68	454	35	9,254	431	16%	+71	+4
556192	STATES	1-35	***** 0-00	0	8	1.38	1	8.0	9,021	4.42	399	12	9,110	399	18%	-16	0
556243	STATES	2-35,58	***** 0-00	29	8	1.00	2	6.2	10,521	4.67	491	12	11,051	488	18%	-62	+2
556244	STATES	1-41	***** 0-00	40	5	1.20	1	5.0	9,561	4.78	457	11	9,608	464	14%	0	0
556284	STATES	1-23	***** 0-00	83	6	1.00	1	6.0	7,838	4.59	360	7	7,473	361	15%	+29	0
556337	STATES	1-23	***** 0-00	80	5	1.00	1	5.0	8,170	4.76	389	20	9,300	460	14%	-151	-8
556359	STATES	2-32,72	***** 0-00	20	5	1.00	2	3.4	9,846	4.59	452	11	10,506	461	16%	-81	0
556395	STATES	1-48	***** 0-00	14	7	1.14	1	7.0	7,803	5.22	407	14	8,335	428	16%	-99	-3
556425	STATES	1-23	***** 0-00	43	7	1.14	2	4.1	9,850	4.84	477	11	11,626	556	20%	-306	-12
556448 04-29-61	GARNAVILLO MICKEY 544469 STATES	1565098 1-42	***** 5-67	13	8	1.00	2	6.2	10,463	4.66	488	11	9,390	471	18%	+202	+4
556452 D1-22-61	TIDELAND JASONS 525910 STATES	ACTDR 1882956 1-35	***** 6-67	5	19	1.21	3	11.2	9,289	5.30	492	15	9,067	454	29%	+61	+11
556458 10-10-60	CDRNLAN FARM 540113 STATES	T08Y 1177135 1-42	***** 5-67	0	9	1.56	1	9.0	8,675	5.05	438	10	7,279	371	20%	+237	+12
556484 01-01-61	RDES MOR P 524132 STATES	8ELLE 8DY 1353198 1-33	***** 5-67	0	13	1.23	4	4.8	9,506	5.03	478	10	9,438	453	31%	+30	+8
556485	STATES	1-33	***** 0-00	0	6	1.00	3	3.0	10,313	5.07	523	14	9,143	456	19%	+220	+13
556517	STATES	1-83	***** 0-00	0	5	1.60	2	3.4	10,711	4.39	470	7	10,468	493	18%	+68	-2
556574	STATES	1-56	***** 0-00		7	1.00	1	7.0	8,886	4.52	402	27	8,860	387	16%	0	+2
556637 04-09-61	CLEARBRANCH 475548 STUD 35-75	FLASH MASTER 1665747 1-57	***** 6-67	5	19	1.00	2	17.1	10,932	4.97	543	72	9,951	498	22%	+233	+11
556638	STATES	1-57	***** 0-00	0	7	1.00	1	7.0	11,119	4.78	532	89	10,106	514	16%	+173	+4
556640	STATES	1-41	***** 0-00	22	9	1.11	1	9.0	8,529	4.68	399	12	8,667	400	18%	-32	0
556653 04-08-60	LAWLER B L C 496783 STATES	HOPES BONANZA 2092675 1-35	***** 5-67	0	15	1.53	1	15.0	9,405	4.66	438	3	9,193	425	22%	+48	+3
556671	STATES	1-55	***** 0-00	43	8	1.25	1	8.0	8,521	4.73	403	28	9,938	454	18%	-233	-8
556686	STATES	1-32	***** 0-00	0	5	1.40	1	5.0	9,755	5.04	492	15	8,308	407	15%	+206	+12

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED DIFF
NUMBER	NAME	OF	BULL	NO		REC / OAU	MILK			%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	MILK		FAT
556747 02-26-61	MER DOMS FOREMOST STATES	1608058 1-31	5-67	9	11	1.45	1	11.0	11,533	4.70	542	10	10,401	474	20%	+255	+15
556764 05-03-61	ROSEWOOD ROSEYS ROYAL STATES	498183 1278889 2-32,33	5-67	0	15	1.13	2	13.1	8,794	4.33	381	10	8,410	373	22%	+68	0
556765 05-06-61 STUD 33-03	ROSEWOOD NONAS AMBASSADOR STATES	498183 1010804 2-32,33	6-67	0	7	1.00	2	5.2	13,200	4.88	644	26	13,463	652	18%	+30	+2
556819 02-11-61	MAPLE LEAF LADS ROYAL STATES	541140 1206070 2-35,41	5-67	9	11	1.09	3	7.5	9,100	4.97	452	11	9,575	474	22%	-96	-3
556832				29	7	1.00	2	3.5	10,156	4.76	483	18	10,183	484	20%	+15	+1
STATES 1-35				0-00													
556836				0	5	1.00	1	5.0	8,884	4.58	407	7	7,528	355	14%	+162	+6
STATES 1-55				0-00													
556875 05-04-61 STUD 21-10	HANOVER HILL BEAU BRUMMEL STATES	503099 1430899 2-21,63	6-67	15	20	1.00	16	1.5	9,735	4.91	478	21	10,235	491	48%	-188	-3
556926				14	7	1.14	2	5.2	11,032	4.99	551	33	10,427	524	18%	+135	+7
STATES 1-91				0-00													
556971				0	8	1.00	2	6.2	11,223	4.50	505	23	9,951	481	18%	+249	+5
STATES 2-32,52				0-00													
557013				0	8	1.00	1	8.0	10,834	4.83	523	20	9,303	423	16%	+254	+16
STATES 1-84				0-00													
557033				9	11	1.00	2	9.1	8,975	4.96	445	20	9,146	456	20%	-33	-1
STATES 1-52				0-00													
557038 12-09-59	VER DELL CARMENS TRANSFER STATES	453207 1758494 1-31	5-67	0	10	1.00	1	10.0	9,820	4.90	481	14	10,261	460	18%	-57	+4
557075				0	6	1.17	1	6.0	9,800	4.38	429	11	9,291	423	15%	+81	+1
STATES 1-58				0-00													
557094				0	5	1.00	1	5.0	10,530	4.79	504	31	11,198	516	14%	-62	0
STATES 1-23				0-00													
557097				0	8	1.13	4	3.5	10,268	4.83	496	25	10,869	522	23%	-99	-3
STATES 3-82,91,92				0-00													
557101				40	5	1.00	1	5.0	7,140	4.93	352	3	8,404	437	14%	-181	-11
STATES 1-55				0-00													
557105 12-10-60	BYRON NORTHERN FAMOUS STATES	530736 1609832 2-32,72	5-67	0	11	1.09	3	4.8	8,647	4.43	383	15	8,616	373	27%	-5	+1
557154				0	5	1.60	2	3.4	10,073	4.59	462	7	10,327	491	18%	-24	-3
STATES 1-92				0-00													
557202				0	5	1.40	2	3.4	9,994	4.80	480	9	10,061	489	17%	+4	0
STATES 2-41,45				0-00													
557219				40	5	1.20	2	2.6	10,097	4.78	483	27	10,785	494	18%	-92	0
STATES 1-56				0-00													
557237 03-07-60 STUD 34-01	NORMANDY MCONSHINE STATES	496783 1451344 3-31,32,34	6-67	15	37	1.27	25	2.2	10,131	4.72	478	12	9,929	483	63%	+176	0
557238				13	8	1.00	1	8.0	9,978	5.23	522	52	11,306	550	16%	-181	-2
STATES 1-52				0-00													
557252				40	5	1.00	1	5.0	8,902	4.65	414	52	10,406	467	14%	-187	-6
STATES 1-55				0-00													
557311 10-20-60	TRANSFERS SKYLINE EARL STATES	453207 1795021 2-72,74	5-67	0	9	1.22	2	5.0	7,039	4.45	313	4	6,224	269	23%	+120	+6
557321				0	5	1.20	1	5.0	7,429	4.55	338	10	7,318	353	14%	-9	-2
STATES 1-41				0-00													
557330				0	10	1.10	1	10.0	9,988	4.77	476	13	9,247	432	18%	+137	+8
STATES 1-34				0-00													
557348 05-05-61 STUD 52-01	GUERNSEY LAND BELLES ONWARD STATES	512974 1825683 2-21,52	6-67	0	11	1.09	8	1.7	9,311	4.82	449	17	9,465	438	34%	-41	+4
557428				20	5	1.00	2	3.4	8,676	5.13	445	62	9,444	463	16%	-114	-1
STATES 2-22,23				0-00													
557482 10-26-61 STUD 61-02	APPLEBROOK FAMES CORPORAL STATES	512974 1557296 2-61,63	6-67	0	12	1.08	6	2.3	9,935	4.55	452	8	8,711	406	34%	+401	+15

REGISTRATION					DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	S U L L	INC %	NO	REC / OAU			MILK	%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT
557496	.....*	0	10	1.00	1	10.0	9,464	4.68	443	15	8,930	431	18%	+91	+2	
	STATES	1-35	0-00														
557521	.....*	0	8	1.00	3	4.7	10,284	4.54	467	20	9,423	439	21%	+182	+6	
	STATES	3-31,61,63	0-00														
557542	.....*	0	6	1.00	1	6.0	11,752	5.23	615	16	10,403	497	15%	+217	+18	
	STATES	1-52	0-00														
557543	WOODACRES MASTER CHIEF.....*	13	46	1.00	24	3.0	10,313	4.81	496	26	10,138	494	64%	+175	+5		
09-13-61	425345	1805826	6-67														
STUO 23-11	STATES	6-22,23,35,57,91	0-00														
557592	.....*	33	6	1.00	1	6.0	8,275	4.31	357	23	9,710	437	15%	-202	-1	
	STATES	1-31	0-00														
557598	.....*		5	1.20	2	3.4	10,699	5.00	535	19	11,808	578	16%	-137	-4	
	STATES	2-91,92	0-00														
557603	.....*	0	7	1.29	1	7.0	9,836	4.97	489	9	9,720	466	17%	+29	+4	
	STATES	1-31	0-00														
557660	.....*	0	7	1.00	1	7.0	10,780	4.98	537	11	11,500	575	16%	-75	-3	
	STATES	1-32	0-00														
557662	.....*	0	6	1.67	1	6.0	9,361	4.81	450	19	9,711	432	17%	-50	+3	
	STATES	1-82	0-00														
557668	.....*		5	1.00	3	2.2	8,996	4.41	397	18	8,466	380	18%	+81	+2	
	STATES	1-52	0-00														
557671	HOLLIKNOLL PEERLESS.....*	27	11	1.00	1	11.0	8,208	4.91	403	21	8,605	421	18%	-81	-3		
12-04-60	541674	1307224	5-67														
	STATES	1-52	0-00														
557680	.....*	17	6	1.00	1	6.0	9,337	4.61	430	23	10,380	501	15%	-134	-8	
	STATES	1-23	0-00														
557688	.....*	13	8	1.00	7	1.2	8,890	4.33	385	29	9,308	420	28%	-111	-9	
	STATES	2-55,58	0-00														
557696	.....*	0	7	1.00	1	7.0	9,920	5.16	512	62	10,141	505	16%	-18	+2	
	STATES	1-57	0-00														
557707	.....*		5	1.00	1	5.0	8,080	5.12	414	25	8,968	422	14%	-122	0	
	STATES	1-35	0-00														
557710	.....*	20	7	1.00	3	2.7	10,613	4.63	491	17	9,399	441	22%	+270	+11	
	STATES	1-48	0-00														
557741	MUNGLES J C ROCKY.....*	18	11	1.00	1	11.0	8,844	4.14	366	62	9,527	387	18%	-116	-4		
04-13-61	511404	1260699	5-67														
	STATES	1-73	0-00														
557772	COL8YS MINNIES MONARCH.....*	30	10	1.00	1	10.0	11,943	4.55	543	25	11,613	557	18%	+102	0		
07-17-61	512974	1104226	6-67														
	STATES	1-34	0-00														
557773	.....*	50	7	1.00	1	7.0	5,644	4.87	275	15	7,877	372	16%	-367	-15	
	STATES	1-41	0-00														
557775	COL8YS BOMBER.....*	22	9	1.00	5	2.3	10,344	4.64	480	20	10,608	506	27%	-31	-4		
09-11-61	512974	1124343	0-00														
STUO 34-01	STATES	1-34	0-00														
557861	HOLLIKNOLL BONOS KING.....*	13	11	1.18	1	11.0	8,544	4.61	394	16	9,525	461	19%	-179	-11		
12-20-58	446227	1167018	5-67														
	STATES	1-52	0-00														
557882	.....*	60	5	1.00	1	5.0	10,374	4.17	433	56	11,620	525	14%	-135	-10	
	STATES	1-86	0-00														
557897	.....*	33	6	1.00	2	3.3	9,257	4.97	460	11	10,145	490	18%	-143	-4	
	STATES	1-21	0-00														
557923	.....*	0	7	1.00	2	5.2	9,830	4.56	448	9	10,421	498	18%	-82	-7	
	STATES	1-35	0-00														
557944	.....*	0	5	1.00	1	5.0	13,140	4.38	575	10	9,600	428	14%	+488	+20	
	STATES	1-31	0-00														
557949	.....*	14	14	1.00	5	7.4	10,684	4.78	511	17	10,984	512	27%	-30	+2	
	STATES	4-23,31,35,56	0-00														
557954	.....*	29	7	1.00	2	3.5	12,620	4.44	560	12	10,854	500	20%	+393	+13	
	STATES	1-16	0-00														
557968	OEL EOEN BONAVENTURE.....*	16	20	1.10	13	1.9	9,571	4.63	443	15	9,722	453	48%	-44	-3		
12-07-59	475548	010073635	6-67														
STUO 35-05	STATES	2-35,41	0-00														
557983	.....*	20	5	1.00	1	5.0	9,070	4.67	424	14	8,326	390	14%	+90	+4	
	STATES	1-84	0-00														

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PREO DIFF	
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT
558001 10-28-61	GRAYSMARSH STATES	COMMANO 2-91,92	.....* 6-67	40 0-00	10	1.00	2	8.2	9,234	4.46	412	21	10,015	450	20%	-134	-6
558030	STATES	1-32	.....* 0-00	0	6	1.00	2	3.3	10,633	4.78	508	30	10,198	449	18%	+99	+11
558076	STATES	1-23	.....* 0-00	0	6	1.33	3	3.0	10,466	4.23	443	10	9,785	453	20%	+152	-1
558131	STATES	1-35	.....* 0-00	11	9	1.00	4	3.4	10,474	4.98	522	18	9,611	464	25%	+226	+15
558134	STATES	1-42	.....* 0-00	0	7	1.00	2	5.2	9,899	4.76	471	8	9,379	439	18%	+97	+6
558148	STATES	2-23,50	.....* 0-00	22	9	1.00	3	3.8	10,812	4.74	512	21	11,172	544	24%	-37	-4
558150	STATES	1-23	.....* 0-00	0	5	1.00	1	5.0	10,674	4.92	525	13	10,994	523	14%	-17	+1
558197	STATES	1-42	.....* 0-00	17	6	1.00	1	6.0	7,998	4.85	388	15	8,872	413	15%	-132	-3
558217	STATES	1-33	.....* 0-00	0	5	1.00	1	5.0	7,916	5.15	408	11	8,728	450	14%	-115	-5
558220	STATES	1-34	.....* 0-00	0	5	1.00	2	2.6	11,364	4.37	497	6	11,390	519	17%	+33	-1
558253	STATES	1-33	.....* 0-00	0	6	1.00	1	6.0	10,022	4.40	441	3	9,708	477	15%	+54	-4
558286 09-10-61	EOISTO FARMS STATES	STEAFAST 1-58	BENNIE.* 1352409 5-67	62 0-00	13	1.00	1	13.0	9,351	4.22	395	66	11,174	479	19%	-307	-14
558305	STATES	1-91	.....* 0-00	0	7	1.00	1	7.0	11,269	4.61	519	16	10,893	499	16%	+86	+4
558309	STATES	1-42	.....* 0-00	0	5	1.00	1	5.0	9,594	5.86	562	13	9,980	538	14%	-40	+5
558339	STATES	1-51	.....* 0-00	0	5	1.00	1	5.0	9,450	4.81	455	31	10,584	493	14%	-134	-3
558347	STATES	1-21	.....* 0-00	29	8	1.00	1	8.0	9,223	4.49	414	45	9,341	428	16%	-15	-1
558384 04-12-61	STEAFAST KINGS STATES	COMRAOE 1-55	.....* 5-67	0	14	1.21	2	12.1	10,950	4.37	478	56	10,488	471	22%	+132	+2
558385	STATES	3-55,56,64	.....* 0-00	20	7	1.14	4	2.7	7,341	4.41	324	32	8,678	388	23%	-312	-15
558386	STATES	1-56	.....* 0-00	0	5	1.00	4	1.4	10,912	4.79	523	25	10,140	458	19%	+166	+13
558391 06-12-61	SHAMROCK BON STATES	PYRAMIO 5-23,31,51,52,54	.....* 6-67	7	46	1.00	31	1.7	9,952	4.71	469	19	9,489	458	68%	+335	+9
558433	STATES	1-42	.....* 0-00	14	8	1.00	1	8.0	8,810	4.60	405	17	9,430	425	16%	-96	-2
558469	STATES	3-22,32,51	.....* 0-00	20	5	1.00	3	2.2	10,314	4.41	455	27	10,990	503	18%	-85	-6
558497	STATES	2-21,57	.....* 0-00	0	8	1.00	3	4.7	11,204	4.73	530	20	10,266	483	21%	+215	+11
558537	STATES	1-42	.....* 0-00	17	6	1.50	1	6.0	9,210	4.84	446	7	9,419	445	17%	-29	0
558562	STATES	1-33	.....* 0-00	0	7	1.29	1	7.0	9,092	4.63	421	19	9,924	475	17%	-127	-7
558565	STATES	1-23	.....* 0-00	17	6	1.00	3	3.0	11,527	4.40	507	15	10,355	492	19%	+243	+4
558625	STATES	1-32	.....* 0-00	0	7	1.00	1	7.0	11,004	4.79	527	18	11,627	547	16%	-58	0
558634 02-03-61	MEADONMARSH STATES	FLASH 2-34,35	MASTERPIECE.* 963160 6-67	16 0-00	20	1.10	16	1.4	9,748	4.92	480	13	9,809	466	49%	+2	+8
558675	STATES	1-63	.....* 0-00	0	10	1.00	3	4.6	11,684	4.37	511	13	9,094	404	25%	+636	+26

REGISTRATION					INC %	DAUGHTERS NO	REC / OAU	NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF FAT	
NUMBER	NAME	OF	SULL	MILK						%	FAT	HEROMATE NO	MILK	FAT	OF SIRE	MILK	FAT	
55872705-12-60	OARBY MAPLE HONOR STATES	440484	1764980	5-67	0	10	1.10	2	5.2	8,726	4.66	407	27	8,108	379	24%	+124	+5
55879304-01-61	GAYOSO VIEW FAMES FOREMOST STATES	512974	1572496	6-67	0	10	1.10	1	10.0	11,746	4.81	565	29	9,892	479	18%	+351	+16
558818	.....	.....	.....	0-00	0	5	1.00	1	5.0	10,060	4.86	489	11	9,810	474	14%	+43	+3
558850	.....	.....	.....	0-00	20	5	1.00	2	3.4	9,496	4.74	450	5	10,862	524	16%	-185	-9
558895	.....	.....	.....	0-00	17	6	1.00	3	2.3	9,325	5.18	483	59	9,497	451	20%	-27	+7
558959	.....	.....	.....	0-00	25	9	1.11	1	9.0	7,416	4.77	354	5	7,618	342	18%	-62	0
558962	.....	.....	.....	0-00	9	11	1.09	2	9.1	9,727	4.75	462	13	10,203	477	21%	-75	-1
559039	.....	.....	.....	0-00	0	8	1.13	1	8.0	8,906	4.76	424	7	8,231	377	17%	+99	+7
559083	.....	.....	.....	0-00	7	16	1.19	2	14.1	9,180	4.68	430	14	9,126	431	22%	+11	0
55910612-04-58	WEHRMAN FARMS LUCKY STATES	507504	882928	5-67	20	13	1.69	1	13.0	8,800	4.56	401	13	9,191	429	22%	-83	-5
559121	.....	.....	.....	0-00	20	5	1.20	1	5.0	9,623	4.75	457	12	9,990	462	14%	-40	0
55918606-08-61	HI VU HANOY KOSMO STATES	540577	1462064	5-67	25	12	1.00	1	12.0	8,452	5.37	454	15	9,156	428	19%	-130	+5
55922601-13-61	GOLOEN HILLS M REX STATES	515083	1566439	5-67	0	8	1.38	6	1.5	9,226	4.75	438	19	9,365	438	29%	-34	0
55924111-20-61	BAYVILLE MARINER OF FAME STATES	512974	1857606	6-67	15	13	1.00	3	9.4	11,047	4.63	511	123	9,635	470	23%	+329	+10
559268	.....	.....	.....	0-00	0	6	1.00	1	6.0	9,877	4.54	448	23	9,695	428	15%	+35	+3
559285	.....	.....	.....	0-00	0	5	1.00	1	5.0	9,244	4.25	393	19	8,950	401	14%	+37	-1
55931708-12-60	IOEALS SOLICITOR STATES	551596	2012844	5-67	0	7	1.71	5	1.8	10,165	4.90	498	60	9,620	471	28%	+164	+8
559320	.....	.....	.....	0-00	0	5	1.00	3	1.8	10,608	4.65	493	13	11,082	537	18%	-50	-5
55943311-02-61	GOLOEN HARVEST MIGNOT STUO 21-10	505970	1408176	6-67	44	9	1.00	7	1.4	9,557	4.46	426	12	10,438	484	30%	-223	-15
559436	.....	.....	.....	0-00	40	5	1.00	1	5.0	7,738	4.70	364	6	8,288	388	14%	-86	-3
559447	.....	.....	.....	0-00	0	6	1.00	1	6.0	9,585	4.83	463	8	9,800	489	15%	-21	-2
55945609-03-59	ROLLING ACRES O BRAO STATES	495454	1802926	2-66	0	8	1.38	1	8.0	8,043	4.67	376	7	9,579	443	18%	-269	-11
55948507-01-61	MAURANA FINANCIERS GALIANT STUO 35-05	503781	1179397	6-67	18	22	1.00	15	2.1	9,179	4.68	430	16	9,484	448	49%	-131	-7
559495	.....	.....	.....	0-00	0	6	1.00	1	6.0	10,020	4.57	458	31	10,012	476	15%	+14	-1
55954511-24-59	8EN VENUE SUSIE NORTHERN STATES	528198	1777800	5-67	0	9	1.44	1	9.0	8,937	4.61	412	21	9,106	402	19%	-32	+1
55955303-12-61	RICK OF WOODRUFF FARM STATES	500959	1867480	5-67	0	6	1.67	3	3.0	9,408	4.79	451	12	9,289	436	22%	+29	+3
559565	.....	.....	.....	0-00	38	8	1.00	2	6.2	8,914	4.68	417	35	8,900	429	18%	-1	-1
559647	.....	.....	.....	0-00	0	9	1.00	1	9.0	11,666	4.56	532	18	11,960	564	17%	-1	-2
559658	.....	.....	.....	0-00	*	5	1.00	2	3.4	9,700	4.24	411	46	7,790	354	16%	+277	+8

GUERNSEY

60

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF MILK FAT	
NUMBER	NAME	OF BULL			NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	FAT			
559670	.....*		0-00	0	7	1.00	1	7.0	10,301	4.92	507	25	10,776	468	16%	-48	+7
	STATES	1-86															
559671	.....*		0-00	14	7	1.00	2	5.2	9,931	5.05	502	11	10,079	487	18%	-9	+4
	STATES	1-52															
559672	.....*		0-00	0	5	1.00	1	5.0	10,512	4.64	488	9	11,168	539	14%	-61	-5
	STATES	1-21															
559695	NORGERTS ROYAL TIM.....*		5-67	11	9	1.00	2	7.2	11,920	4.66	556	35	11,514	561	19%	+122	+1
01-08-62	473218	1956000															
	STATES	2-32,57															
559699	.....*		0-00	20	5	1.00	1	5.0	10,002	4.87	487	32	10,258	465	14%	-19	+3
	STATES	1-55															
559700	.....*		0-00	20	10	1.00	4	4.2	10,670	4.73	505	98	9,798	479	25%	+237	+8
	STATES	2-52,63															
559715	PRINCE FAME.....*		5-67	0	9	1.00	1	9.0	7,037	4.62	325	16	7,021	330	17%	-33	-2
08-29-61	512974	1884720															
	STATES	1-63															
559716	.....*		0-00	0	5	1.00	2	3.4	10,692	4.70	502	42	10,922	518	16%	-7	0
	STATES	2-52,56															
559729	.....*		0-00	60	5	1.00	1	5.0	7,682	5.02	386	25	9,588	464	14%	-252	-9
	STATES	1-35															
559822	.....*		0-00	0	6	1.00	2	4.3	10,700	5.16	552	15	11,050	531	17%	-26	+5
	STATES	1-32															
559910	.....*		0-00	38	9	1.00	3	4.5	8,738	4.75	415	12	8,946	422	23%	-51	-1
	STATES	1-31															
559985	.....*		0-00	0	7	1.29	2	5.2	10,827	4.58	496	35	9,726	444	19%	+221	+10
	STATES	2-33,58															
560044	.....*		0-00	0	5	1.00	1	5.0	10,346	4.48	464	24	10,234	483	14%	+30	-1
	STATES	1-35															
560157	.....*		0-00	0	7	1.14	2	5.2	10,512	4.88	513	15	10,181	495	18%	+80	+4
	STATES	1-33															
560220	.....*		0-00	20	5	1.00	1	5.0	8,206	4.50	369	14	8,840	417	14%	-89	-6
	STATES	1-42															
560278	.....*		0-00	13	8	1.00	2	6.2	9,689	4.51	437	41	10,075	457	18%	-53	-2
	STATES	1-51															
560296	.....*		0-00	0	6	1.00	1	6.0	8,225	4.80	395	105	8,740	412	15%	-81	-2
	STATES	1-52															
560377	.....*		0-00		5	1.00	1	5.0	11,422	4.60	525	13	12,096	576	14%	-51	-4
	STATES	1-34															
560453	.....*		0-00	50	6	1.00	1	6.0	8,400	4.68	393	14	9,883	497	15%	-206	-13
	STATES	1-35															
560618	.....*		0-00	0	6	1.00	1	6.0	8,865	4.76	422	27	7,163	328	15%	+221	+12
	STATES	1-74															
560810	.....*		0-00	40	5	1.20	1	5.0	7,959	4.65	370	13	9,497	490	14%	-214	-15
	STATES	1-35															
560835	CHEOCO BONANZAS KING.....*		6-67	13	16	1.06	14	1.2	9,200	4.61	424	10	9,221	423	44%	-5	0
05-03-62	496783	1883849															
STUO 23-09	STATES	2-23,85															
560873	IOEALS NORCROSS.....*		5-67	40	10	1.10	4	4.2	7,556	4.66	352	15	9,494	433	26%	-492	-20
02-19-61	540198	1746236															
	STATES	1-23															
561120	GUERNSOEL FRED.....*		6-67	0	12	1.08	4	7.0	11,425	4.94	564	42	11,450	536	25%	+50	+9
11-14-61	510148	1807122															
	STATES	1-55															
561203	.....*		0-00	14	7	1.14	1	7.0	7,823	4.58	358	20	7,071	309	16%	+89	+6
	STATES	1-56															
561233	.....*		0-00	0	7	1.00	2	5.2	7,569	4.61	349	14	9,407	421	18%	-322	-12
	STATES	1-63															
561279	.....*		0-00	0	5	1.00	2	2.6	8,840	4.76	421	45	9,268	452	17%	-69	-4
	STATES	2-22,52															
561464	.....*		0-00	14	7	1.00	1	7.0	8,243	4.97	410	7	8,281	387	16%	-19	+3
	STATES	1-42															
561580	.....*		0-00	40	5	1.00	1	5.0	11,876	4.84	575	8	11,792	568	14%	+47	+3
	STATES	1-34															

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT	
561658	.....*			0-00	0	7	1.00	1	7.0	8,801	4.74	417	8	7,464	357	16%	+182	+8
	STATES	1-33																
561859	WALNUT GROVE TROOPER.....*			11	9	1.11	1	9.0	9,082	4.66	423	29	9,115	411	18%	-5	+2	
05-06-61	529641	1378628	5-67															
	STATES	1-23																
562088	.....*			0-00	0	7	1.00	1	7.0	8,843	4.73	418	21	9,240	450	16%	-60	-4
	STATES	1-33																
562427	.....*			0-00	0	6	1.00	1	6.0	8,847	4.44	393	29	7,958	366	15%	+113	+3
	STATES	1-91																
563027	PLAINSCOPE JERRY.....*			60	10	1.10	1	10.0	8,291	4.93	409	21	9,943	502	18%	-285	-15	
05-03-61	533444	1174041	5-67															
	STATES	1-34																
563028	.....*			20	5	1.00	2	3.4	11,426	4.60	526	14	11,610	533	16%	+10	0	
	STATES	1-34																
563222	.....*			20	5	1.20	1	5.0	8,546	4.81	411	14	10,079	465	14%	-205	-6	
	STATES	1-82																
563299	.....*			40	5	1.00	1	5.0	11,848	4.59	544	18	10,060	477	14%	+256	+10	
	STATES	1-47																
563300	.....*			40	5	1.00	2	2.6	10,226	4.67	478	15	10,172	487	17%	+26	0	
	STATES	1-47																
563544	.....*			0-00	0	10	1.00	1	10.0	8,944	4.93	441	14	7,528	385	18%	+222	+9
	STATES	1-33																
563553	.....*			0-00	0	5	1.00	1	5.0	8,382	4.77	400	13	9,980	446	14%	-205	-5
	STATES	1-43																
567695	.....*			0-00	0	8	1.13	1	8.0	7,857	4.29	337	6	8,042	384	17%	-49	-8
	STATES	1-34																
21AAH6182	.....*			0-00		5	1.20	1	5.0	8,857	4.75	421	10	9,206	446	14%	-48	-2
	STATES	1-21																
35ACH3464	.....*			5-67		9	1.56	1	9.0	11,676	4.99	583	8	11,371	562	19%	+101	+6
	STATES	1-35																
35AGH3464	.....*			5-67		6	2.67	1	6.0	12,223	4.93	602	8	11,527	559	19%	+180	+11
	STATES	1-35																
35HT95424	.....*			0-00	0	5	2.60	1	5.0	6,366	4.34	276	5	6,561	291	18%	-80	-4
	STATES	1-35																
35KZ85909	.....*			5-67	0	12	1.58	1	12.0	6,098	4.10	250	1	7,704	347	21%	-374	-22
	STATES	1-35																
35GA62496	.....*			5-67		8	1.13	1	8.0	5,651	4.32	244	2	7,625	336	17%	-361	-16
	STATES	1-35																
350M45437	.....*			5-67		8	1.75	1	8.0	7,972	5.28	421	4	8,653	416	19%	-141	+1
	STATES	1-35																
35V151500	.....*			5-67		6	1.33	1	6.0	8,753	4.25	372	1	8,253	368	16%	+66	0
	STATES	1-35																
35WAI3008	.....*			5-67	0	8	2.38	1	8.0	11,384	4.87	554	6	11,975	572	21%	-65	0
	STATES	1-35																
35WAN6798	.....*			5-67		13	3.00	1	13.0	8,685	4.64	403	5	8,919	460	25%	-63	-1
	STATES	1-35																
35WAU2199	.....*			5-67	0	5	1.20	2	2.6	8,141	4.54	370	4	7,855	358	18%	+28	+1
	STATES	1-35																
350AA2465	.....*			5-67		5	1.20	1	5.0	8,626	4.66	402	2	9,980	460	14%	-181	-7
	STATES	1-35																
350TX8153	.....*			5-67	0	10	2.50	2	8.2	8,809	4.75	418	5	8,217	376	25%	+125	+9
	STATES	1-35																
350XR1414	.....*			5-67	0	9	1.33	1	9.0	6,557	5.41	355	4	8,026	405	19%	-293	-9
	STATES	1-35																
41XAN7116	.....*			5-67	11	10	1.30	1	10.0	8,496	4.78	406	1	9,198	431	19%	-132	-4
	STATES	1-41																
87WA83705	.....*			5-67		5	3.20	2	3.4	9,375	4.69	440	10	9,902	462	21%	-94	-3
	STATES	1-87																

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO OFF FAT
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	
755640 03-03-38	KARIOLE INKA 705177 STATES	KING..... 1229154 1-35	0-00	13	1.69	4	5.7	9,256	3.55	329	3	10,838	377	32%	-582	-18
756640 12-01-36 STUD 35-02	OOSTIE HOESLY 651568 STATES	HOMESTEAD 1565196 2-35,55	5-67	90	2.36	66	1.7	11,558	3.42	395	7	11,656	409	84%	-224	-17
758853 01-11-38 STUD 35-03	ADMIRAL BEECHWOOD 708491 STATES	5TH.....* 1896132 2-23,35	5-67	26	2.58	21	1.4	12,100	3.56	431	9	12,053	422	62%	-51	+2
769578 05-23-37 STUD 35-02	HARK HOMESTEAD 570501 STATES	BLANCHE OF V V.* 1747846 4-31,34,35,87	5-67	52	2.87	46	1.2	11,474	3.43	393	6	11,769	416	78%	-352	-22
770832 02-25-38	SIR SKYLARK ORMSBY 635145 STATES	FOBES JACK.* 1481439 2-35,47	5-67	15	2.67	9	3.1	12,389	3.26	404	11	12,071	417	44%	+82	-8
772579 03-25-38 STUD 35-02	CHERRY80LO ENSIGN 620728 STATES	PRIOE.....* 1545476 2-34,35	5-67	39	2.92	37	1.1	11,166	3.37	376	8	11,842	418	73%	-600	-35
777728 03-06-39 STUD 35-02	DISTINCTION COLONY 733213 STATES	SIR LADY... 1813208 1-35	5-67	23	1.96	13	3.2	11,085	3.53	391	4	10,772	383	52%	+29	0
778235 07-03-37 STUD 35-08	COLONY MIRANOA 495741 STATES	K08A ROMEO.....* 010233813 3-33,35,55	5-67	57	2.37	38	2.0	11,022	3.48	384	13	11,623	406	77%	-591	-22
778470 11-06-38 STUD 35-03	LARRIETTA ARISTOCRACY 010099738 STATES	.....* 1975040 4-23,33,35,51	5-67	34	2.76	24	1.8	11,007	3.47	382	8	11,730	409	68%	-600	-23
779629 02-15-39 STUD 35-02	WISF08 ORMSBY 741863 STATES	OLLIE GOOD LUCK. 1921707 4-23,34,35,73	5-67	79	2.32	64	1.7	11,955	3.59	429	7	11,990	426	82%	-140	-2
780674 09-22-38 STUD 35-02	HOESLY HOMESTEAD 723295 STATES	CASCAOE..... 1941760 3-34,35,61	5-67	116	2.69	93	1.5	12,445	3.46	431	8	11,958	420	88%	+305	+4
781424 01-15-39 STUD 35-08	COLONY ORMSBY 495741 STATES	SIR ROMEO.....* 010223313 3-23,33,35	5-67	72	2.64	43	2.5	11,826	3.44	407	10	11,859	412	80%	-144	-9
786027 11-03-39	PA8ST SIR BELMONT 678994 STATES	WAYNE..... 1813155 1-35	5-67	13	1.85	1	13.0	11,463	3.32	381	3	11,253	379	23%	0	-1
787489 12-16-38 STUD 35-05	KING OF MOONLIT 710796 STATES	DALE..... 1684629 2-35,41	5-67	22	2.73	19	1.3	10,601	3.57	378	7	11,303	395	58%	-527	-14
790365 12-01-39 STUD 35-03	BESSLYN JASPER ORMSBY 711381 STATES	FOBES... 1874440 1-35	5-67	17	2.71	16	1.1	11,765	3.54	417	5	11,617	404	54%	-13	+3
790599 01-06-40 STUD 35-75	OS8ORNDAL TRISTAN ORMSBY 676023 STATES	KING* 1792381 5-33,35,55,57,74	5-67	20	3.15	20	1.0	12,518	3.59	450	13	12,499	452	59%	-39	-2
790977 11-22-39 STUD 35-02	HOESLY SNOWBALL 723295 STATES	JOE.....* 1941770 2-32,35	5-67	22	2.32	15	3.5	11,410	3.44	393	8	11,416	400	51%	-101	-7
792635 01-23-39	ST CROIXCO SIR 715862 STATES	PRINCE OLLIE... 1838904 1-35	5-67	14	2.29	2	9.2	11,210	3.60	404	6	12,279	431	30%	-351	-9
798021 12-08-37	PIETERTJE INKA OELLA ORMSBY 716024 STATES	... 1612801 1-35	0-DD	17	2.29	1	17.0	7,671	3.48	267	2	10,288	357	25%	-724	-25
805118 04-02-40 STUD 35-02	CHERRY80LO ADMIRAL 676723 STATES	FOBES..... 1766062 1-35	5-67	30	2.30	26	1.3	11,274	3.47	391	7	11,868	414	65%	-480	-19
807399 03-21-40 STUD 35-08	COLONY VALE A88EKERK 467933 STATES	SIR HEILO* 010265674 3-33,34,35	5-67	27	2.41	21	1.6	10,735	3.38	363	14	11,544	407	62%	-614	-31
807846 01-29-37 STUD 35-12	PRINCE POSCH 671379 STATES	PIEBE RAG APPLE.. 1794451 1-35	5-67	14	2.57	6	3.1	11,200	3.63	407	14	11,485	410	42%	-195	-3
808496 06-03-40 STUD 35-05	AL8ERTVILLE 742522 STATES	BURKE SNOWBALL ROY* 1361950 4-23,33,35,41	5-67	61	2.48	43	1.9	10,284	3.55	365	6	10,878	386	78%	-655	-23
811487 07-01-40 STUD 35-02	GOVERNOR DAWN 743882 STATES	ACTOR.....* 1914317 2-34,35	5-67	170	2.38	106	2.8	10,946	3.82	418	8	12,079	431	90%	-1130	-16
812303 07-20-40 STUD 35-05	DISTINCTION COLONY 733213 STATES	SIR BERTIE. 1965475 3-33,35,41	5-67	25	2.52	21	1.4	11,227	3.49	392	8	11,230	394	61%	-131	-6
812993 10-23-39	ELMWOOD INKA 742676 STATES	KING.....* 2006311 1-35	5-67	19	2.47	4	6.4	11,004	3.41	375	7	10,608	375	42%	+50	-4
813025 04-04-40 STUD 35-03	KING DIXIE 8ESSIE 746585 STATES	HAZELWOOD 27 1244324 1-35	5-67	11	2.18	11	1.0	11,414	3.22	368	10	12,195	413	40%	-356	-20
813654 12-04-40 STUD 35-10	PA8ST OIRECT..... 720120 STATES	..... 1781736 2-35,41	5-67	18	2.39	13	1.7	14,037	3.58	502	5	12,344	439	51%	+817	+30
814094	..... STATES	..... 1-35 5-67		13	2.23	2	6.8	12,764	3.87	494	11	12,166	463	31%	+150	+9

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF MILK FAT	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	FAT			
817549 12-03-40	OOSTIE 682402 STATES	HOMESTEAD 1587285 1-35	CHARLIE..... 3-64	22	2.23	1	22.0	10,882	3.51	382	5	11,921	409	26%	-302	-8	
819476 12-17-40	WEBER 697789 STATES	BURKE 1872852 3-35,41,87	CYCLONE.....* 5-67	13	1.85	7	3.0	13,956	3.45	482	8	14,148	487	38%	-42	-1	
819870 03-14-41	ROCK 748396 STATES	VALLEY 1940683 2-35,87	BELMONT ORMSBY.... 5-67	12	2.08	4	7.0	10,209	3.65	373	5	10,172	386	29%	-81	-6	
822438 04-09-41 STUO 35-05	OOSTIE 727000 STATES	COLANTHA.....* 2049240 5-23,33,35,41,57	5-67	44	2.70	32	1.7	11,627	3.36	391	5	11,461	406	72%	-16	-16	
822785 04-14-40 STUO 35-02	INKARNATION 725685 STATES	ORMSBY PROSPECT... 1948163 2-23,35	5-67	43	2.14	37	1.3	11,620	3.42	397	7	11,550	410	72%	-79	-1	
824617 12-25-40 STUO 35-02	PLAIN 739786 STATES	VIEW KING 1583710 2-35,41	BESSIE.....* 5-67	23	2.74	17	1.8	10,966	3.45	378	8	11,665	413	59%	-509	-24	
830143 05-26-41	SIR 734017 STATES	POSCH CREAMELLE 1903540 1-35	ORMSBY.....* 5-67	14	2.36	4	4.7	11,837	3.33	394	6	11,960	409	37%	-96	-7	
830955 08-22-41 STUO 35-05	SOWISCOL 688258 STATES	DOON ALEX PIETERTJE... 1860016 2-35,41	5-67	22	2.55	8	4.8	12,114	3.62	439	6	11,962	439	49%	+6	-1	
832151 04-29-41 STUO 35-02	PIONEER 718344 STATES	HOME RECOVERY LAST - T* 2005576 2-34,35	5-67	21	3.19	20	1.0	11,944	3.38	404	6	11,862	423	59%	-39	-14	
832249 03-18-41 STUO 35-14	COLONY 010120719 STATES	VRUOKA SIR HENGVERLO 1* 010353733 2-33,35	5-67	43	2.40	20	5.0	11,867	3.35	398	10	12,295	426	64%	-339	-21	
832250 04-14-41 STUO 35-14	COLONY 010090161 STATES	NETHERLAND PERFECTION 3* 010319477 1-35	5-67	19	2.84	14	1.6	12,440	3.39	422	13	11,792	412	55%	+269	+1	
832252 02-22-41 STUO 35-14	COLONY 010124858 STATES	VALE SIR ROMEO 4TH.....* 010241313 1-35	5-67	16	2.63	13	1.5	12,220	3.35	409	8	11,897	414	50%	+89	-5	
833253 10-17-41	GOVERNOR 743882 STATES	ROSE HILL TRITOMIA... 1875666 2-35,86	5-67	35	3.14	5	12.4	12,242	3.75	459	10	12,415	441	47%	-124	+6	
834606 10-02-41 STUO 35-75	LAUXMONT 751642 STATES	SAFEMASTER SENATOR... 1865495 7-32,34,35,41,51	5-67	70	2.59	49	2.5	11,715	3.59	421	16	12,088	441	79%	-395	-19	
835253 11-21-41	VENTNOR 771132 STATES	DEXTER F08ES ORMSBY... 1769661 1-35	1-63	14	3.36	2	12.1	11,861	3.58	425	5	11,334	400	27%	+88	+4	
837846 09-29-41	ALVERNO 778235 STATES	COLONY K08A ROMEO BESS 1751345 1-35	0-00	13	2.54	2	7.4	10,716	3.51	376	2	10,416	361	30%	+2	+1	
837847 10-03-41	ALVERNO 778235 STATES	MIRANO K080 SEGIS.....* 1981529 3-35,42,51	5-67	15	3.80	8	3.2	12,513	3.44	430	7	12,378	428	46%	+17	-1	
838880 03-16-41 STUO 33-01	CHIEFTAIN 792389 STATES	TENTH COLANTHA.....* 1753538 2-33,35	5-67	12	2.75	11	1.1	12,310	3.58	441	8	12,473	458	45%	-113	-8	
838882 12-06-41	HILOECREST 797960 STATES	BARTA ORMSBY..... 1160531 2-35,42	5-67	14	3.14	4	6.5	10,768	3.74	403	5	11,862	427	36%	-443	-10	
839304 10-11-41 STUO 35-08	PA8ST 761980 STATES	BARCAOER BELMONT.....* 1625187 1-35	5-67	17	2.18	13	1.5	12,927	3.52	455	12	11,834	419	50%	+473	+15	
839307 10-29-41 STUO 35-08	PA8ST 786035 STATES	AOMIRAL MOOEST.....* 2051361 2-33,35	5-67	26	3.81	18	1.8	11,663	3.91	456	12	12,237	431	63%	-430	+12	
839771 09-06-41	BLOOMER 754587 STATES	COLANTHA BURKE..... 1922106 1-35	5-67	10	2.00	1	10.0	10,371	4.02	417	13	11,030	400	21%	-184	+2	
842246 10-07-41	ECHO 741309 STATES	VALLEY AOMIRAL F08ES ORMS* 1789166 2-35,55	5-67	12	2.58	7	2.3	12,564	3.57	448	20	12,055	421	39%	+149	+8	
842625 09-24-41	KING 739449 STATES	INKA JULIA 320..... 1635660 1-35	0-00	11	3.36	9	1.3	10,834	3.63	393	6	11,158	399	42%	-227	-5	
842652 12-28-41 STUO 35-02	CHERRY80LO 676723 STATES	GOVERNOR..... 1766063 3-23,34,35	5-67	144	2.78	100	1.9	11,153	3.65	407	8	11,684	416	90%	-624	-13	
846818 04-25-42	JAY-CE 798216 STATES	RAG APPLE FAYNE..... 2028906 5-33,34,35,41,47	5-67	39	2.26	33	1.4	11,752	3.57	420	6	12,070	435	70%	-313	-13	
847504 01-04-42 STUO 35-04	CARNATION 698462 STATES	IMPERIAL INKA PRINCE* 2068703 2-35,72	5-67	18	2.56	14	2.1	11,754	3.45	405	5	10,992	388	51%	+269	+4	
848204 03-29-42	KARIOLE 705177 STATES	DOON INKA..... 1862691 1-35	5-67	28	2.36	2	14.6	10,628	3.70	393	3	13,363	462	38%	-1038	-26	
848258 05-21-42 STUO 41-14	MOKWA 768828 STATES	FEMCO QUALITY..... 2139397 2-35,41	5-67	11	3.00	9	1.3	11,126	3.34	372	4	11,250	392	42%	-139	-11	

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	S U L L		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT
848916 03-27-42	WIS WAYNE F08ES PRINCE.....*	782204 2084082	5-67 1-35	0	17	2.59	1	17.0	11,472	3.44	395	11	10,597	373	26%	+153	+3
848920 04-28-42	WIS PRINCE DUCHESS PRIDE.....*	782204 2084079	5-67 1-35		15	1.47	3	5.9	10,858	3.25	353	3	10,789	371	32%	-60	-9
849406 03-31-42	SOWISCOL KING ANDREW - TWIN...	724675 2011317	5-67 1-35		20	3.30	1	20.0	11,545	3.79	438	6	11,210	407	27%	+33	+6
849864 02-01-42	NEWMONT GENERAL.....*	731387 1908235	5-67 6-12,16,33,35,51		52	2.77	25	5.3	11,198	3.54	396	9	11,874	430	69%	-565	-26
853061 10-21-41	FAYNE PRILLY AALTJE.....*	781828 1788727	0-00 1-35		17	3.82	2	12.0	11,089	3.57	396	8	11,495	397	32%	-186	-2
856850 07-08-42	W I S ROYAL PRINCE AALTJE.....	698242 2046213	0-00 1-35	0	13	3.62	1	13.0	11,668	3.38	394	6	11,896	400	27%	-98	-3
857502 03-23-42 STUD 35-05	MAYTAG ORMSBY F08ES 4TH.....*	784293 1504107	5-67 6-22,31,35,41,48		26	1.81	13	8.0	11,956	3.52	421	7	12,041	437	43%	-93	-8
858591 06-02-42 STUD 35-05	DELL KING RAG APPLE.....*	768821 1425314	5-67 3-35,41,87	0	12	2.25	11	1.1	11,804	3.42	404	6	11,714	417	44%	-32	-8
858626 07-12-42 STUD 35-05	CHERRY80LO AOMIRAL SENATOR....*	676723 1766062	5-67 2-35,41	0	18	2.50	18	1.0	10,689	3.49	373	6	10,969	386	54%	-280	-12
862104 02-25-42	AOMIRAL JULE F08ES.....*	789081 2087150	5-67 1-35		10	2.50	3	6.6	8,026	3.60	289	5	9,499	342	27%	-499	-17
863593 05-11-42 STUD 35-05	SIR PIETERTJE ORMSBY POSCH F08*	709501 1642977	5-67 3-35,41,73		32	2.66	27	1.3	11,352	3.34	379	7	11,325	397	67%	-117	-17
864794 03-25-42	LAD CHIEFTAIN MONTVIC TRIUNE..	714897 1629036	5-67 1-35		11	3.82	1	11.0	8,521	3.63	309	8	9,272	340	25%	-291	-11
865322 12-03-42 STUD 35-02	PA8ST BURKE JOHANNA.....*	697789 1850367	5-67 5-32,33,34,35,65	0	154	3.16	109	1.9	12,026	3.48	419	8	11,836	422	90%	+34	-8
867373 12-19-42	NORTH STAR CONQUEROR O-JOE....	764118 1651862	5-67 2-31,35		16	2.19	4	9.3	11,797	3.49	412	21	11,168	411	32%	+132	-1
868738 12-08-42 STUD 35-05	OAK BEND MONTVIC BESSIE DUKE..	760346 1949441	5-67 3-35,41,87	0	59	2.71	40	1.9	10,538	3.61	380	7	11,120	391	78%	-624	-15
871201 12-19-42	U W MORAG SIR WAYNE.....*	832252 2134264	5-67 2-35,55		14	2.93	5	4.1	10,209	3.44	351	7	10,461	353	41%	-219	-5
871651 09-29-42	HICKORY HILL DEAN KING BESSIE.	674886 2196130	0-00 1-35		15	3.67	1	15.0	12,009	3.31	398	8	11,823	394	27%	+9	0
871953 05-30-41 STUD 35-05	MEADOWOOD LOCHINVAR DUKE.....*	855938 010364862	5-67 6-23,33,35,41,51		38	3.32	23	2.1	10,958	3.60	394	7	11,297	402	70%	-382	-11
872234 01-29-43 STUD 35-02	GOVERNOR F08ES CHAMPION.....*	679187 2089715	5-67 2-22,35		38	3.11	33	1.2	12,828	3.31	425	6	11,878	423	72%	+578	-2
873311 12-07-42 STUD 35-02	CARNATION TRADEMARK.....*	771562 1909684	5-67 3-34,35,42	0	97	2.64	66	4.1	12,730	3.46	440	7	12,803	456	82%	-104	-15
873325 01-15-43	CARNATION IMPERIAL ENSIGN.....	698462 1972613	5-67 3-35,41,45	0	26	1.88	20	1.5	12,253	3.52	431	7	12,200	436	60%	-37	-5
874103 02-08-43 STUD 35-02	CHERRY80LO AOMIRAL 80AST.....	805118 2207344	5-67 2-34,35		49	2.49	37	2.3	11,735	3.50	411	7	11,708	414	73%	-100	-7
874106 03-18-43 STUD 35-05	CHERRY80LD SENSATION.....*	676723 1766063	5-67 3-33,35,41		71	3.61	47	2.3	11,985	3.73	447	10	12,200	438	81%	-265	+3
874233*	STATES 3-33,34,35		5-67		16	3.13	9	3.1	13,131	3.97	521	6	13,032	481	46%	+31	+18
875561 04-13-43	KAYTEE MERCEDES PIEBE -TWIN...	783028 1904004	5-67 1-35	0	10	2.30	2	6.8	11,762	3.72	437	8	12,496	441	25%	-207	-1
876204 05-20-42	NESHONOC F08ES JOE.....*	725440 1779539	0-00 1-35		11	2.00	2	9.1	8,945	3.59	321	2	10,137	355	24%	-361	-10
876266 11-01-42	JERRY MODEL FAYNE.....*	741199 2127928	5-67 1-35		12	3.58	2	10.1	11,099	3.69	410	5	11,548	403	28%	-173	0
876822 04-01-42 STUD 35-05	COLONY VALE SIR HEILO 30TH - T	01011449 010309314	5-67 1-35		15	2.93	10	2.0	10,323	3.55	366	6	10,716	377	47%	-310	-9
877495 01-20-43 STUD 35-05	SIR PRIDE PERFECTION SUNBEAM..*	798226 2074412	5-67 1-35		30	3.33	10	8.9	13,132	3.59	471	4	12,002	438	49%	+491	+14

REGISTRATION				INC %	DAUGHTERS		ND OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PREO DIFF	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	ND	MILK	FAT	SUMMARY	MILK	FAT
878379 08-28-42	ASYLUM VICKERY 706703 STATES	FO8ES..... 2103210 1-35	5-67		18	1.89	1	18.0	8,725	3.47	303	14	9,125	316	24%	-192	-6
878380 09-06-42	ASYLUM PIETERTJE 708576 STATES	CREAMELLE.... 2134372 1-35	5-67		10	2.20	2	5.8	13,291	3.36	447	5	13,213	450	27%	+17	-1
878520 10-31-42 STUD 35-75	PRILLY ORMSBY 719432 STATES	DIRECT..... 1917378 9-21,34,35,41,47	5-67	0	75	2.28	58	1.6	12,467	3.56	444	7	12,523	456	81%	-112	-11
879353 03-28-43	CLOVER LAWN DRMSBY 830640 STATES	SIR WAYNE..* 2118431 1-35	5-67		17	3.18	3	13.3	10,135	3.48	353	5	11,002	389	31%	-336	-13
879934 06-23-42 STUD 35-05	GOVERNOR CANARY 730828 STATES	INKA.....* 2004712 7-33,35,41,87,88	5-67	0	47	2.19	36	1.7	11,136	3.49	389	6	11,309	404	73%	-275	-16
880495 12-02-42	ADMIRAL JOE 741595 STATES	FO8ES..... 1993076 1-35	0-00		11	3.18	1	11.0	12,866	3.61	465	4	12,126	439	24%	+150	+5
882277 12-08-42	SPRING COVE KING 803947 STATES	LEADER.....* 1953461 1-35	5-67		10	2.70	2	5.8	11,675	3.79	443	6	12,939	469	29%	-382	-7
882577 09-02-42	EHREOT IOALINE 755640 STATES	INKA KING..... 1802309 1-35	5-67		10	2.00	2	5.0	10,042	3.56	357	3	11,283	395	29%	-413	-12
884531 06-13-43	SIR HILLVALE 823964 STATES	LASS 7TH..... 1563835 1-35	0-00		20	3.25	1	20.0	12,625	3.54	447	6	12,297	457	28%	+62	-3
884713 03-30-43	ELMER BROOKS 787934 STATES	WINOSOR DESIGN... 2053542 1-35	0-00		10	1.80	1	10.0	11,218	3.74	419	5	10,718	400	21%	+48	+2
885356 01-11-43	STARADA BESSIE 734577 STATES	INKA ORMSBY.... 2179393 1-35	5-67		14	3.43	1	14.0	11,221	3.32	372	2	12,532	431	26%	-360	-16
885666 02-12-43	PLAIN VIEW KING 739786 STATES	BESSIE OOU8LER 2081559 1-35	0-00		13	4.46	1	13.0	11,276	3.27	369	9	11,028	389	26%	+4	-7
885947 08-03-43	RAVENGLEN SENATOR 741205 STATES	CAROL..... 2218230 1-35	0-00		10	3.90	1	10.0	9,674	3.54	342	5	10,237	370	24%	-207	-8
886073 09-15-43	JOE VALENTINE 847646 STATES	LAO.....* 1995171 2-35,57	5-67		19	2.58	5	7.0	13,035	3.46	451	9	12,184	440	40%	+290	+2
887112 09-17-43	ERA FOBES MYSTIC.....* 721800 STATES	1886594 1-35	5-67		11	2.45	1	11.0	10,505	3.60	378	13	11,162	402	22%	-192	-6
888593 01-20-43 STUD 35-02	ELMER BROOK PRINCE 787934 STATES	DESIGN - TW 1842514 4-21,23,33,35	5-67		101	2.94	76	1.7	12,380	3.43	425	7	11,945	421	86%	+254	-1
891850 06-05-43 STUD 35-75	SUNSLOPE IMPERIAL 826039 STATES	CHIEF.....* 2163329 9-33,34,35,41,42	5-67	0	81	2.75	60	2.8	12,608	3.74	471	10	12,688	460	81%	-118	+7
892129 08-24-43 STUD 35-02	CHERRYBOLD ADMIRAL 676723 STATES	OUGLASS... 1906903 1-35	5-67		16	2.56	8	2.8	10,766	3.72	400	6	10,954	386	46%	-194	+2
892723 09-01-43	STERLING KING.....* 805972 STATES	2232778 1-35	5-67		11	2.91	1	11.0	11,636	3.45	401	4	11,913	421	25%	-103	-6
892939 11-27-43 STUD 35-02	CHERRYBOLD ADMIRAL 676723 STATES	MDOEL..... 1827765 2-35,51	5-67		30	2.90	24	1.4	10,834	3.48	377	7	11,288	396	66%	-436	-18
893051 11-22-42	HARSON PRINCE 761379 STATES	FO8ES.....* 2254716 2-23,35	5-67		12	2.83	2	10.1	9,984	3.48	347	5	11,406	399	26%	-415	-15
893388 09-14-43 STUD 35-02	MDHE8 CHIEF..... 780674 STATES	1878620 2-35,55	5-67		95	2.93	71	1.6	12,101	3.36	407	8	11,979	424	86%	-13	-19
894060 08-10-43 STUD 35-03	ALPHYLL BONNY DE 676723 STATES	KOL..... 2000018 1-35	5-67		19	2.58	18	1.1	10,877	3.42	372	7	11,650	404	56%	-523	-21
895080 11-16-43	CLYOE HILL ELSIE 813522 STATES	TIOY LAO 4TH.* 2103954 1-35	5-67		22	3.64	4	9.2	11,336	3.62	410	11	11,676	410	40%	-204	-2
896948 11-07-43	DISTINCTION MOOEST 727329 STATES	TINDA.....* 1657606 1-35	5-67		13	2.54	2	11.1	10,639	3.52	374	5	11,412	409	26%	-246	-10
898362 02-01-44	ROSS CREATOR 863905 STATES	LITTLE JOE.....* 2135467 1-35	5-67		12	3.17	1	12.0	12,549	3.53	443	3	11,876	425	25%	+131	+3
898922 10-27-43	SUPREME FOBES 850330 STATES	COLANTHA.....* 2295458 2-32,35	5-67		19	2.11	3	13.7	12,485	3.80	474	15	12,227	452	30%	+43	+5
899223 12-24-43	SIR PANSY CANARY 858953 STATES	ROMEO..... 2131582 1-35	0-00		14	1.36	1	14.0	11,482	3.68	423	32	11,020	414	21%	+48	0
901116 01-27-44	CRESTON RAG APPLE 812000 STATES	NAVIGATOR...* 1569339 1-35	5-67		10	1.50	4	4.2	12,674	3.50	443	3	11,985	420	28%	+152	+4

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
901752 11-17-43	MEISEGEIER	ANOV	WHITE KING PET 777600 2090893 5-67 STATES 1-35	0	47	2.40	8	12.2	12,780	3.65	467	9	13,197	491	53%	-229	-12
902551 03-19-43 STUD 35-02	LEWLANO	AOMIRAL	BONNY 80Y.....* 676723 2247281 5-67 STATES 3-23,33,35		70	3.04	57	1.4	11,443	3.60	412	7	11,605	414	82%	-276	-7
906877 03-23-44	DE KOL	ROSE	SEGIS.....* 791179 2306028 5-67 STATES 1-35		10	4.20	1	10.0	11,979	3.63	435	5	12,845	461	25%	-227	-6
909363 07-02-44 STUD 35-05	PAGANOK	CHRISTMAN	CAROL 20.... 792956 2027314 5-67 STATES 3-35,41,74		44	2.16	31	2.1	10,874	3.44	374	5	10,997	393	71%	-253	-19
909471	.....*		5-67 STATES 1-35		11	2.64	2	6.6	14,155	3.72	527	9	13,194	476	29%	+274	+14
909760 01-08-44	ST CROIXCO	SIR	8ELMONT 8EETS.. 715862 2299845 0-00 STATES 1-35		10	2.60	2	8.2	12,274	3.56	437	6	11,940	439	24%	+46	-1
910290 09-08-42 STUD 35-02	DOOSTIE	HOESLY	TUEBIE.....* 727000 1845105 5-67 STATES 5-34,35,50,52,55		177	2.97	126	2.2	12,760	3.56	454	10	12,649	453	91%	+37	-1
911089 05-06-44	WIS	SIR BESS	SPRING.....* 850589 2229072 0-00 STATES 1-35		10	2.50	2	6.8	12,495	3.87	483	4	11,390	406	27%	+243	+18
912095 05-06-44	OAN-CO	CARNATION	KIRK ORMSBY.. 705177 1879992 0-00 STATES 1-35		10	2.30	3	6.6	9,425	3.44	324	10	10,351	363	27%	-324	-13
912130 10-04-43	MEADOWS	SWEET	CORNFLOWER OICK...* 797960 2147560 5-67 STATES 1-35		11	3.82	3	7.5	13,348	3.72	496	4	12,246	443	30%	+295	+14
912280 12-08-43 STUD 35-05	SPRINGBANK	RAG	APPLE SOVEREIGN* 010155159 010352594 5-67 STATES 7-23,33,35,41,42	0	52	2.65	36	3.3	10,039	3.78	379	5	11,126	402	72%	-942	-22
916256 12-31-43	TWIN	START	FELECIA ORMSBY SENA 857053 2194048 0-00 STATES 1-35		15	2.73	1	15.0	12,569	3.36	422	4	12,000	421	25%	+108	0
919433 09-29-44	ELMER	BROOK	PIETERTJE PRINCE...* 888593 2187586 5-67 STATES 1-35		10	3.00	1	10.0	13,350	3.46	462	4	11,622	401	23%	+364	+12
921576 10-01-44	LARRIERETTA	CARNATION	JOE PIEK...* 863763 2130526 5-67 STATES 2-35,43		17	3.00	3	13.3	13,349	3.90	521	4	13,019	483	29%	+86	+11
923204 12-05-44	WIS	ORMSBY	LAO.....* 819476 2103465 5-67 STATES 1-35		14	3.29	4	4.4	10,439	3.54	370	8	11,251	399	40%	-406	-14
923209 04-17-44 STUD 35-05	OLIRLICH	VALE	MAJOR.....* 780059 1857196 5-67 STATES 5-23,33,35,41,50	4	45	2.07	32	1.9	9,827	3.81	374	8	11,499	411	70%	-1305	-30
924105 11-05-44 STUD 35-02	WAL-CO-FARM	DAWN	ORMSBY FOBES.* 775264 2181246 5-67 STATES 8-22,23,33,34,35		162	3.48	121	3.6	13,396	3.53	473	11	12,925	467	89%	+382	+4
925258 12-03-44	MARTYHOLM	INKA	CANARY KING.....* 791454 2462246 5-67 STATES 1-35		15	3.60	1	15.0	12,722	3.51	446	5	13,133	459	26%	-110	-3
925805 02-06-45	SEGIS	KORNOYKE	ROCKO.....* 814963 2254769 5-67 STATES 1-35		11	1.64	2	6.6	11,059	3.67	406	5	11,458	419	26%	-152	-4
927472 02-15-40 STUD 35-02	WHITE	STAR	COLUMBO.....* 749614 2090850 5-67 STATES 1-35		12	2.33	12	1.0	11,290	3.50	395	7	11,618	406	45%	-224	-8
928271 12-17-44	SIR	INKA	OLLIE CANARY.....* 873829 2332944 0-00 STATES 1-35		12	2.50	1	12.0	11,738	3.48	409	3	11,511	415	24%	+10	-2
929493 10-30-44	WISF08	OLLIE	GOOD LUCK SEGIS...* 779629 1993737 5-67 STATES 1-35		16	2.88	3	8.6	11,809	3.45	408	5	11,439	394	35%	+63	+2
929654 01-01-45	PEWAUKEE	DELLA	DANDY.....* 859747 2361928 0-00 STATES 1-35	0	15	2.93	1	15.0	10,321	3.50	361	9	10,416	356	26%	-99	-1
930217 01-26-44	BAST	BONHEUR	RAG APPLE BONNIE.* 834336 2063676 5-67 STATES 2-23,35		11	3.36	3	7.5	11,725	3.97	465	13	11,207	400	29%	+89	+17
930249 01-19-45	CLOVER	LAWN	INKA SENATOR CRUSA 755247 1870586 5-67 STATES 2-35,42		10	3.70	5	2.8	13,236	3.60	476	5	12,671	458	35%	+174	+5
932078 11-25-44 STUD 35-05	FUTURE	HOPE	JULE.....* 789081 2366112 5-67 STATES 6-32,33,35,41,42	3	79	2.75	42	5.1	12,694	3.56	452	10	12,865	458	77%	-168	-6
932666 01-21-45	DONALD	DALE	INKA WALKER.....* 871939 1855253 5-67 STATES 1-35		10	1.80	1	10.0	12,077	3.36	406	6	11,786	410	21%	+28	-1
933234 01-16-45	KING	CONNIE	PEARL PRIDE.....* 864502 2266596 5-67 STATES 2-35,41	0	33	1.70	2	25.9	11,270	3.73	420	21	11,621	428	30%	-154	-3
933247 11-20-44	ELMOKA	ORMSBY	DOUGLAS.....* 813654 1528772 5-67 STATES 1-35		12	1.25	1	12.0	11,847	3.60	426	5	12,288	433	20%	-107	-1

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO OIFF MILK FAT	
NUMBER	NAME		OF BULL			NO	REC / OAU			MILK	%	FAT	NO	MILK	FAT	%	MILK	FAT
933370 09-08-44	QOSTIE 725856 STATES	PREMIER 1730614 1-35	PIEBE ECHO..... 5-67		12	3.42	1	12.0	9,054	3.43	311	11	10,636	371	25%	-466	-17	
933383 03-26-45	DUKE 848806 STATES	ORMSBY INKA 2140572 1-35	POSCH HEILO..* 5-67		10	2.40	3	4.2	12,267	3.49	428	5	12,681	447	29%	-141	-6	
935219 09-11-44	COLUMBIA 786035 STATES	BELMONT OLLIE 2104300 1-35	PABST. 5-67		22	1.91	1	22.0	11,061	3.46	383	4	11,184	406	25%	-84	-7	
936064 03-25-45	ROCKY ACRES 843579 STATES	SUNBEAM SKIP..... 2028994 1-35	0-00		13	4.00	1	13.0	13,037	3.57	466	4	12,611	450	26%	+91	+3	
937171 03-17-45 STUO 35-02	CONRO F08ES 861114 STATES	BURKE.....* 1747078 3-34,35,51	5-67		78	3.21	62	2.8	12,920	3.47	448	9	11,928	427	81%	+689	+12	
937576 01-26-45	WISOF 805738 STATES	SENSATION NESHONIC..... 2108886 1-35	5-67		43	2.53	3	21.8	12,685	3.68	467	8	13,108	472	41%	-183	-2	
937788 11-29-44	KING 746585 STATES	OIXIE BESSIE HAZELWOOD 2040299 1-35	60* 5-67		15	3.13	1	15.0	12,032	3.41	410	9	12,148	422	26%	-60	-4	
939265 03-05-44	MARTYHOLM 791454 STATES	FOLLOW ON..... 1937750 1-35	5-67		22	2.86	3	18.2	10,692	3.74	400	5	11,652	417	30%	-335	-6	
939585 09-26-44	BRIGHT STAR 872131 STATES	PONTIAC CANARY ORM 2399588 2-35,52	5-67		24	2.54	3	11.0	12,468	3.51	438	4	13,084	475	40%	-254	-14	
940293 02-27-45	F08ES 839488 STATES	SEGIS INKA MERCEDES..... 2338137 1-35	0-00		10	4.70	1	10.0	11,725	3.48	408	9	11,554	394	25%	-1	+1	
940354 09-02-44 STUO 35-06	U W BEETS 864216 STATES	SIR VROUKA.....* 2258510 1-35	5-67	0	17	1.65	11	2.8	11,220	3.42	384	10	11,890	407	44%	-360	-13	
942099 04-24-45	GRAY 729720 STATES	VIEW PANSY SANOMAN..... 1878191 2-14,35	5-67		11	1.73	2	9.1	13,168	3.43	452	5	11,979	437	23%	+245	+2	
943669 03-27-45	CRESCENT 789081 STATES	BEAUTY JULE F08ES.....* 2087151 3-35,42,47	5-67		45	2.51	9	7.4	10,142	3.51	356	5	11,283	402	60%	-805	-32	
944849 03-30-45 STUO 35-75	F08ES 880517 STATES	SEGIS PRILLY LAO..... 2408798 10-21,34,35,41,55	5-67	0	48	3.00	41	1.3	12,229	3.63	444	9	12,626	461	76%	-356	-14	
945113 06-30-45	BEWELCO 792389 STATES	JOHANNA RAG APPLE MONT 2191793 1-35	0-00		14	2.79	2	8.2	10,957	3.43	376	8	10,562	377	33%	+38	-3	
945382 10-26-45	OSMAN 879941 STATES	POSCH BURKE..... 2266799 1-35	0-00	0	10	1.60	2	8.2	11,278	3.80	429	5	11,672	414	22%	-122	+2	
945407 10-02-45	NORTH 855184 STATES	STAR VICTOR WOODSMAN.... 2053937 2-23,35	5-67	0	16	2.88	2	14.1	10,194	3.53	360	4	10,889	391	27%	-254	-10	
945462 10-10-45 STUO 35-02	MAN-O-WAR 702624 STATES	WOODMASTER.....* 1996445 6-23,33,35,41,61	5-67	0	63	2.83	48	2.2	10,036	3.53	354	11	12,229	435	78%	-1804	-66	
946329 03-12-45	NOWISCO 856617 STATES	SENSATION SPRING.....* 2309772 3-35,61,74	5-67		17	4.06	5	4.4	11,705	3.55	415	8	11,135	409	46%	+159	0	
946437 02-23-45	LAKE 845618 STATES	PARK ADMIRAL TOVARICH.... 2178006 1-35	5-67		10	2.10	1	10.0	11,829	3.47	411	22	12,302	427	22%	-125	-4	
947072 03-07-45 STUO 93-10	KING 729641 STATES	BESSIE VERA ARLENE..... 1843125 1-93	5-67		46	1.50	10	6.7	16,553	3.30	546	45	15,887	559	59%	+539	-2	
947627 02-08-45	CLEVELAND 845618 STATES	TOVARICH LAO..... 2356605 1-35	0-00		11	3.55	2	9.1	11,311	3.70	419	7	12,793	460	26%	-394	-10	
947808 02-02-45	BILLY F08ES 863363 STATES	ABBEKERK..... 2432681 1-35	0-00		11	1.00	1	11.0	11,556	3.49	403	1	11,055	391	18%	+49	0	
947887 09-09-45	WIS 792524 STATES	PINKY CRUSAADER BURKE.....* 2241278 1-35	5-67		22	3.00	2	11.8	11,443	3.54	405	6	12,110	434	37%	-295	-12	
949344 10-11-45	ROCK 882939 STATES	VALLEY BURKE ECHO.....* 2379651 1-35	5-67		20	3.15	2	11.6	14,561	3.39	493	5	13,105	446	35%	+505	+15	
950128 08-19-45	VICKERY KING 768821 STATES	PRINCE..... 2073074 1-35	0-00	0	12	3.33	1	12.0	11,462	3.45	396	4	11,399	388	24%	-31	0	
950913 11-10-44	MEADOWS 838881 STATES	SWEET MONTVIC F08ES.....* 2147560 1-35	5-67	0	23	2.35	4	15.9	11,629	3.63	422	8	11,854	425	32%	-119	-2	
951029 06-02-45	TRITOMIA KING 869328 STATES	BAKER.....* 2165742 1-35	5-67		14	2.07	2	10.5	10,654	3.69	393	4	11,475	405	27%	-267	-4	
951120 05-24-45	FERNOELL F08ES 807399 STATES	VALE.....* 2301453 1-35	5-67		12	3.25	1	12.0	10,524	3.31	348	4	11,881	413	25%	-368	-17	

REGISTRATION			INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	AVERAGES		REPEATABILITY OF SIRE SUMMARY	PREO DIFF	
NUMBER	NAME	OF BULL		NO	REC / OAU			MILK	%	FAT		MILK	FAT		MILK	FAT
951361 09-20-44	ROESCHLANO STATES	HOMESTEAD F08ES.... 796849 2113204 5-67 1-35		12	1.75	1	12.0	11,533	3.16	364	5	11,266	370	22%	+12	-3
951884 07-12-45	BEAVER RIDGE STATES	ADMIRAL ORMSBY... 805118 2059609 0-00 1-35		11	3.18	1	11.0	10,499	3.51	369	5	10,541	374	24%	-78	-3
952283 09-13-45	OE KOL OLLIE STATES	ORMSBY PIE8E.... 842176 2060442 0-00 1-35		15	2.00	1	15.0	11,244	3.65	410	2	11,169	408	24%	-33	0
953330 04-15-45	ADMIRAL JOHANNA STATES	INKA BEECHWOOD* 758853 1971007 5-67 1-35		10	2.70	3	5.4	12,317	3.49	430	6	11,383	394	30%	+222	+8
953565 12-17-45	ADMIRAL BURKE STATES	LAO..... 913955 1998086 5-67 1-35		14	4.64	1	14.0	12,484	3.52	439	11	12,601	426	26%	-50	+2
954183 08-04-45	W I S COLLATERAL..... STATES	875574 2303941 5-67 1-35	0	13	2.85	1	13.0	12,683	3.72	472	4	11,895	407	24%	+153	+14
954424 01-09-46	BONNIE SLOPE STATES	CARNATION INKA... 945043 2331750 5-67 1-35	0	15	2.27	1	15.0	10,602	3.57	378	3	11,389	406	25%	-242	-8
954447 10-01-45	MISHICOT PIETERTJE STATES	OELLA IDEAL 879331 1949020 0-00 1-35	0	12	2.83	3	7.1	9,844	3.74	368	4	10,657	399	31%	-333	-11
954576 11-19-45	GRAY VIEW PANSY STATES	HONOR..... 729720 2032040 0-00 1-35		15	2.73	1	15.0	12,266	3.55	435	5	12,286	462	25%	-31	-6
956178 01-06-46	BESSLYN CHIEF STATES	JARIE ORMSBY F08 726056 2207505 5-67 1-35	0	10	2.20	4	5.2	11,649	3.52	410	8	12,424	460	29%	-249	-14
956512 11-04-45	PA8ST ROAMER STATES	OUKE..... 859213 2147097 0-00 1-35	0	12	1.58	2	10.1	11,004	3.45	380	3	11,804	408	23%	-218	-7
956985 09-24-45	CHERRYBOLD N J STATES	LARRY - TWIN...* 854060 2243167 5-67 1-35	0	23	4.61	4	14.5	12,640	3.49	441	7	12,545	444	37%	+5	-2
957310 STATES	..... 1-35	0-00		10	2.20	1	10.0	11,102	3.48	386	4	11,635	389	22%	-157	-2
957922 04-28-46	RAHMLow SKYLARK STATES	F08ES TRANSMIT 835595 2093043 0-00 1-35		20	3.05	2	16.4	10,914	3.65	398	5	12,671	441	29%	-534	-13
958223 01-13-46	CHIPCO SAZAMA STATES	CHIEFTAIN 20.... 810505 2195142 0-00 1-35		17	2.00	1	17.0	9,614	3.63	349	4	11,316	404	24%	-447	-14
958831 02-07-46	GOODRIGHT ADMIRAL STATES	F08ES CLAUOE* 822837 2299260 5-67 2-35,65	0	28	2.93	9	7.2	13,124	3.47	456	8	12,781	453	50%	+142	0
959161 01-01-46	PERRIN F08ES STATES	WALKER..... 886820 2509916 5-67 1-35		33	2.45	3	19.0	13,110	3.46	454	5	12,266	432	37%	+273	+6
959819 02-27-46	WISOF MUSIC ROAMER..... STATES	832240 2243490 0-00 1-35		13	2.62	1	13.0	9,596	3.30	317	7	10,244	358	24%	-232	-12
960466 05-15-45	O O ROSE KORNDYKE STATES	ADMIRAL..... 838730 2028128 5-67 1-35		30	2.60	3	14.8	12,152	3.35	407	7	10,790	385	41%	+450	+5
961551 12-13-45	CURTISS CANOY STATES	MAOCAP INDUSTRY. 857486 2132490 0-00 1-35		12	1.83	1	12.0	9,991	3.46	346	3	11,207	394	22%	-310	-11
961734 11-27-45	BREEZY CREST STATES	STAR HOMESTEAD JA 937561 2126120 5-67 1-35		12	3.08	1	12.0	11,863	3.30	392	4	11,861	410	24%	-35	-5
962191 STATES	..... 1-35	5-67		16	2.75	1	16.0	11,607	3.38	392	4	10,532	380	26%	+205	0
962328 01-06-46	VICTORY LANE STATES	WITTENBERG..... 889695 2454567 0-00 1-35		10	1.60	1	10.0	9,708	3.35	325	5	11,079	387	20%	-312	-13
963036 03-02-46	SENSATION F08ES STATES	COLANTHA LAO.. 854060 2481896 5-67 1-35		10	2.60	1	10.0	9,612	3.82	367	6	10,059	358	23%	-179	0
963233 09-12-45	WITTIG PIETERTJE STATES	HOMESTEAD....* 817182 2131236 5-67 1-35	0	14	2.29	3	7.0	11,247	4.03	453	2	11,153	421	33%	-41	+8
963920 11-05-45	ROESCHLANO BEETS STATES	HOMESTEAD.... 878264 2113199 5-67 1-35	0	12	1.75	1	12.0	7,210	3.47	250	3	9,299	326	21%	-533	-19
964031 02-01-45	TILFA CARNATION STATES	IMPERIAL..... 857472 2129052 0-00 2-35,43	0	11	3.00	3	7.5	10,911	4.01	438	9	11,988	446	28%	-340	-2
964088 11-24-45	ELLWOOD MYSTIC STATES	ADMIRAL BURKE...* 897822 2458305 5-67 1-35	0	10	4.40	1	10.0	11,240	3.99	448	4	10,749	425	26%	+60	+4
964763 09-12-45	NOWISCO CREATOR STATES	TIOY ONA-TWIN. 835929 2203092 5-67 1-35		10	2.40	1	10.0	13,177	3.57	471	7	13,221	466	22%	-12	+1

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED HEROMATE		AVERAGES		REPEATABILITY OF SIRE		PREO OIFF	
NUMBER	NAME	OF	8 ULL		NO	REC / DAU			MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT		
964937 01-12-46	GRABERHILL 878097 STATES	CASCADE 2384438 1-35	HOMESTEAD 5-67		13	4.46	1	13.0	9,972	3.43	342	5	10,818	384	27%	-298	-13		
965369 01-09-46	OSBORNOALE 904533 STATES	LOCHINVAR 2469346 2-23,35	SIR RICHARD 5-67	0	17	2.82	9	4.4	11,671	3.36	392	6	11,612	416	42%	-48	-12		
965455 01-12-45	BAKERS CRESCENT 789081 STATES	BEAUTY F08ES.. 2425643 1-35	5-67		12	3.42	3	7.1	10,954	3.55	389	11	11,821	434	32%	-325	-15		
965796 02-03-46	BESSLYN TABULATOR 726056 STATES	CHIEF ORMSBY 1959758 1-35	5-67	0	31	2.29	6	7.3	12,402	3.81	472	11	12,504	465	50%	-93	+2		
966752 01-23-46	MOHEB HOMESTEAD 780674 STATES	LAO..... 1686554 1-35	5-67		10	3.30	1	10.0	10,801	3.42	369	6	11,517	416	22%	-200	-11		
967575 10-01-45	CRESCENT ACRES 912430 STATES	ADMIRAL SENATOR* 2492114 1-35	5-67		12	2.92	1	12.0	12,258	3.47	425	3	11,462	392	25%	+152	+6		
967774 11-17-45	SCHUTZHOLM 905404 STATES	BELMONT OGAN..... 2119192 1-35	0-00		18	1.50	1	18.0	11,494	3.71	426	25	11,270	423	23%	+4	0		
967783 10-10-45	WATERWORTH 758853 STATES	BEECHWOOD MASTER... 2417552 1-35	5-67		12	1.92	1	12.0	10,775	3.50	377	8	10,569	375	22%	-15	-1		
967920 01-02-44	ORMSBY AAGGIE 860252 STATES	INKA F08ES..... 2113158 1-35	0-00		10	1.00		10.0	7,951	3.61	287	3	8,855	313	18%	-239	-7		
969852 04-30-46	M M OLLIE PET.....* 842464 STATES	2283392 2-33,35	5-67		19	2.74	3	15.3	12,550	3.38	424	3	12,530	446	29%	-17	-6		
970311 12-18-45	NOWISCO CREATOR GENE.....* 835929 STATES	2143284 1-35	5-67	0	10	6.60	2	5.8	12,595	3.75	472	5	11,566	423	32%	+274	+14		
970719 04-27-45	MAN-O-WAR DUNLOGGIN.....* 702624 STATES	2065688 1-35	5-67		17	3.06	1	17.0	13,312	3.44	458	9	13,186	472	27%	+29	-3		
972175 08-17-46	ROCK VALLEY BURKE MOORE..... 882939 STATES	2086413 1-35	5-67		16	2.06	1	16.0	11,056	3.73	412	4	11,083	384	25%	-62	+4		
973528 03-13-46	ST CROIXCO OLLIE CONCENTRATE.. 750270 STATES	2353077 1-35	0-00		13	2.69	1	13.0	10,585	3.73	395	1	11,133	419	24%	-183	-6		
973815 07-24-45	OOSTIE IMPERIAL OPPORTUNE..... 878259 STATES	2071726 1-35	0-00		10	1.90	2	8.2	11,613	3.34	388	6	11,178	401	24%	+51	-4		
976528 08-20-46	PERRIN ECHO INKA ORMSBY.....* 784721 STATES	2153325 2-33,35	5-67	0	15	2.20	4	7.4	12,930	3.64	471	6	13,091	486	34%	-62	-4		
976687 04-22-46	HINZEVILLE OANNY ROAMER.....* 859213 STATES	2091758 1-35	5-67		14	3.50	1	14.0	12,528	3.73	467	6	13,426	479	26%	-233	-2		
978970 STATES	.....* 5-67	1-35			11	2.82	4	3.5	11,244	3.64	409	9	10,977	399	36%	+10	0	
979368 10-18-46	WISCONSIN BURKE TRIUMPH.....* 792524 STATES	2419738 3-33,35,42	5-67	0	48	4.58	26	10.6	13,624	3.66	499	9	13,033	466	60%	+333	+18		
980613 12-17-45	ELMWOOD ABBEKERK BURKE.....* 869948 STATES	2486887 1-35	5-67	0	24	2.71	2	22.0	11,344	3.47	394	9	12,605	427	28%	-378	-10		
981356 08-04-45	STERLING ROAMER.....* 859213 STATES	2299304 3-31,34,35	5-67	0	18	2.61	6	5.1	10,401	3.39	353	8	11,593	406	41%	-563	-24		
982323 11-13-46	TETONKA PRINCE AAGGIE BURKE...* 623423 STATES	2444972 1-41	5-67		14	1.93	5	4.8	10,042	3.56	357	4	10,190	355	36%	-164	-3		
982895 08-26-46	WISCONSIN BURKE CLIMAX.....* 792524 STATES	2508776 1-35	0-00	0	11	1.64	1	11.0	10,849	3.36	364	5	11,727	396	21%	-218	-8		
983592 11-04-46	LAUXMONT KING ORMSBY LAO.....* 820083 STATES	2442273 5-23,35,51,52,56	5-67	0	21	2.48	7	6.3	10,121	3.78	383	5	11,050	402	43%	-498	-11		
984749 08-05-46	CRESCENT BEAUTY ADMIRAL BUTTER* 929716 STATES	2034198 3-32,35,84	5-67	0	20	3.80	5	8.0	10,463	3.70	387	13	11,308	424	41%	-429	-17		
984903 07-06-46	SEGIS MERCEDES PONTIAC 80Y....* 922590 STATES	1888143 1-35	0-00	0	12	2.33	9	1.5	10,852	3.48	378	10	12,196	437	43%	-628	-27		
985053 10-13-46	GENERAL MAOCAP PANDA.....* 886820 STATES	2392411 1-35	5-67	0	22	2.05	2	16.8	11,207	3.34	374	7	11,197	400	29%	-59	-9		
986352 12-25-46	PINE CORNER CONQUEROR.....* 902457 STATES	2006110 1-35	5-67		10	1.10	1	10.0	9,197	3.60	331	3	11,644	416	18%	-476	-16		
986881 11-12-45	ADMIRAL F08ES ERMA.....* 736224 STATES	2631579 1-35	8-62	0	16	3.56	1	16.0	12,241	3.43	420	4	12,425	449	26%	-72	-8		

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT	HERDMATE NO	AVERAGES MILK	OF SIRE SUMMARY	DIFF MILK	FAT	
987989 02-11-47	NORTH STAR 855184 STATES	VICTOR 2075440 1-35	SUPREME..... 5-67	0	15	3.47	1	15.0	13,169	3.54	466	4	12,382	450	26%	+177	+3
988614 11-15-46	OICTATOR 884513 STATES	8ELMONT PANSY 2131574 1-35	8URKE.. 5-67	0	39	4.62	8	8.7	13,710	3.65	500	7	13,021	475	58%	+382	+14
988755 05-27-46	MARBEN CHIP 899453 STATES	HERCULES MAG 2180927 1-35	-TWIN 5-67		11	1.64	1	11.0	11,850	3.56	422	6	11,648	400	21%	+7	+3
988993 12-28-46 STUD 35-07	MEISEGEIER 894536 STATES	ANDY HOESLY 2197770 5-23,34,35,42,56	VAR..... 5-67	0	57	3.18	27	4.1	13,097	3.81	499	9	12,734	481	73%	+221	+13
989079 11-08-45	BOULDER GLEN 819870 STATES	DOUBLE PRINCE..... 2360275 1-35	5-67		19	1.84	4	7.4	10,522	3.57	376	4	10,563	377	38%	-119	-
989080 12-21-46	BOULDER GLEN 748396 STATES	SIR 8ELMONT CASCA 2360275 1-35	5-67	0	10	1.80	2	5.8	11,904	4.13	492	2	11,803	441	27%	-13	+12
989213 08-07-46	WAL-CO-FARM 746634 STATES	NIG WALKER 8ELMONT 1940893 1-35	0-00	0	10	1.90	1	10.0	11,335	3.41	386	2	11,482	394	22%	-71	-3
989221 11-18-46	WAL-CO-FARM 933966 STATES	F08ES EMPEROR..... 2543091 1-35	5-67	0	10	1.00	1	10.0	7,488	3.69	276	1	9,860	332	18%	-481	-12
989371 04-30-46	PALIN VIEW 915940 STATES	MASTERPIECE..... 1583710 1-35	0-00	0	23	3.57	1	23.0	11,324	3.46	392	13	12,063	416	28%	-239	-8
990507 01-28-47	GAMEHILL SEGIS 759658 STATES	8LIZZARO..... 2347603 1-35	5-67	0	12	3.58	1	12.0	13,214	3.60	476	7	13,332	467	26%	-30	+2
990569 11-08-46	RAHMLOW F08ES 835595 STATES	OICTATOR.....* 1893671 3-23,35,72	5-67	0	18	2.50	3	14.3	10,712	3.49	374	7	11,533	395	28%	-284	-8
991247 08-11-46	HENGVERVELD 717785 STATES	PIETERTJE ORMSBY... 2275128 1-35	5-67	0	30	2.40	1	30.0	10,237	3.58	366	10	10,668	374	27%	-187	-4
992597 12-31-46	8URKE ORMSBY 908807 STATES	8ONHEUR..... 2123364 1-35	5-67	0	13	2.54	1	13.0	11,048	3.19	352	3	11,323	387	25%	-116	-10
992845 12-24-46 STUD 35-05	PA8ST REBURKE 901195 STATES	PAUL WAYNE.....* 2396437 8-23,32,35,42,48	5-67		21	3.10	15	1.6	13,535	3.55	481	7	13,567	477	57%	-5	+2
992846 01-02-47	PA8ST REGAL PIET..... 901195 STATES	1731458 0-00			10	1.00	2	5.8	9,139	3.50	320	3	9,353	327	23%	-138	-4
993761 09-13-46	EHREOT PRINCE 869873 STATES	JOE..... 1742569 1-35	5-67	0	35	1.91	1	35.0	13,168	3.42	450	3	11,891	429	26%	+298	+4
994208 01-18-47	RIDGELO 8URKE 920543 STATES	BILLY..... 2546119 1-35	8-62	0	14	3.93	1	14.0	12,326	3.47	428	4	12,641	452	27%	-101	-6
994211 02-15-47	RIOGELO 8URKE 920543 STATES	GOVERNOR..... 2089937 2-23,35	0-00		12	4.83	3	8.5	11,511	3.69	425	10	11,652	408	31%	-96	+3
995281 01-09-47	F08ES 8AR8ETTA 864949 STATES	LEA..... 2300430 1-35	0-00	0	14	3.71	1	14.0	11,988	3.76	451	10	12,709	462	27%	-207	-3
995939 01-10-47	CHERRY8OLD N 854060 STATES	J ENSIGN.....* 2014314 1-35	5-67	0	10	3.90	1	10.0	12,286	3.64	447	7	12,254	419	25%	-18	+5
995940 01-12-47 STUD 35-02	CHERRY8OLD N 854060 STATES	J PRIDE..... 2243166 1-35	5-67	0	28	2.46	23	1.4	11,404	3.59	409	7	11,446	403	63%	-147	-1
996013 12-03-46 STUD 93-10	SUTTEN OAKS 903186 STATES	DOUBLE VAR..... 2396947 1-93	5-67		21	1.48	7	4.0	15,044	3.23	486	53	16,339	565	45%	-451	-31
996245 11-30-46 STUD 35-04	M M MAXIMUM 925394 STATES	LUDWIG.....* 2309419 3-33,35,41	5-67	0	66	2.41	23	28.3	11,519	3.73	430	13	11,959	439	46%	-266	-5
996410 11-30-46	HONEYWOOD 924133 STATES	ORMSBY OAK PRINCE...* 2578564 2-32,35	5-67	0	17	4.35	2	15.1	11,224	3.70	415	7	11,730	426	29%	-194	-4
996476 10-26-45	WINOING PATH 748385 STATES	JIM OANOY..... 2177055 1-35	5-67		16	2.25	1	16.0	9,512	3.60	342	2	10,186	368	24%	-237	-8
997286 09-28-46	EHREOT IVY JOE..... 869873 STATES	2635296 0-00		0	12	2.17	1	12.0	10,936	3.58	391	4	11,463	408	23%	-164	-5
997934 10-10-46	GWENHAVEN 916373 STATES	SIR ORMSBY F08ES 4TH 2526390 1-35	0-00	0	10	3.90	1	10.0	10,276	3.52	362	8	11,299	385	24%	-289	-7
999484 01-28-47	TWIN ECHO HELENA 849989 STATES	PRINCE HEILO. 2409094 0-00		0	15	2.87	1	15.0	9,659	3.82	369	8	10,647	396	25%	-312	-8
999744 11-22-46	ST CROIXCO 715862 STATES	ORMSBY 8ELMONT..... 2232540 1-35	5-67	0	26	2.42	6	5.5	13,038	3.76	490	11	12,383	460	51%	+285	+14

HOLSTEIN																	
71																	
REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	8 U L L		NO	REC / DAU			MILK	%	FAT	HERDMATE ND	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT
999906 12-23-46	KYLAND F08ES 894515 STATES	8URKE 12TH..... 2572422 1-35	0-00	0	32	2.75	1	32.0	12,335	3.53	435	7	12,673	457	28%	-111	-6
999958 01-13-47	DAWN DRIS SIR 865315 STATES	LILLIAN DRMS8Y 8* 2414314 1-35	5-67	0	13	3.31	1	13.0	10,354	3.69	382	4	10,944	390	26%	-214	-4
999998 10-24-46	SIR ECHO KING 917536 STATES	8ESSIE..... 2203372 1-35	5-67		30	2.43	1	30.0	12,466	3.42	426	6	12,846	457	27%	-114	-8
1000946 03-17-47	HOME ACRES CANARY CHIEF.....* 945647 STATES	2546931 1-35	5-67		11	1.62	1	11.0	12,435	3.61	449	6	11,906	432	20%	+78	+2
1001940 04-18-47	ROSS SPRINGBANK SOVEREIGN..... 949284 STATES	2551073 1-35	5-67	0	36	3.31	1	36.0	11,712	3.51	411	10	11,880	429	29%	-91	-6
1003751 09-29-46	FD8ES OLLIE PAUL..... 835130 STATES	2095882 1-35	0-00	0	15	3.27	1	15.0	11,105	3.38	375	9	11,663	405	25%	-182	-9
1003988 06-25-46 STUD 35-05	SCRIPPS GRAND 906C00 STATES	SEGIS..... 2609618 3-33,35,41	5-67	0	22	2.59	18	1.4	10,591	3.77	399	5	11,497	415	58%	-637	-13
1006041 09-25-45	MURDIS DRMS8Y PIE8E OE KOL... 851171 STATES	2212685 1-35	5-67	0	11	1.64	1	11.0	10,942	3.65	399	4	10,625	387	21%	+9	0
1006123 07-14-46	MAPLEDALE CONQUEROR.....* 854060 STATES	2286509 1-35	5-67	0	23	2.43	5	6.3	10,498	3.59	377	5	11,040	391	45%	-348	-10
1006185 04-08-47	OAK HARTOG CLIPPER..... 873706 STATES	2411178 1-35	0-00	0	12	3.00	1	12.0	11,817	3.47	410	6	12,256	423	25%	-134	-4
1007803 01-12-47	MARSHURST OLLIE DE KOL..... 911068 STATES	2479927 1-35	5-67	0	19	2.79	1	19.0	10,204	3.65	372	10	11,463	407	27%	-386	-10
1008953 11-13-46	COLONY MIRANDA HEILD SIR VROUK 010126305 STATES	010506853 2-23,35	0-00		10	2.70	2	8.2	10,351	3.27	338	4	11,140	377	25%	-252	-12
1009380 12-06-46	GRA8ERHILL CASCAOE ESTHER..... 878097 STATES	2210718 1-35	5-67	0	26	2.38	1	26.0	9,242	3.43	317	3	10,778	377	27%	-483	-18
1009460 11-01-46	WALDORF OSTLAND VALIANT JOE... 927772 STATES	2500366 1-35	8-62	0	12	2.00	2	6.6	11,705	3.71	434	4	11,658	426	30%	-36	+1
1010423	.....* STATES	5-67 1-35		0	12	3.92	4	4.5	11,070	3.80	421	8	10,552	388	37%	+88	+9
1010661 06-20-47	PABST RO8URKE 8ARIDE 8LODM....* 859213 STATES	2411950 1-35	5-67	0	13	4.23	1	13.0	11,915	3.60	429	6	12,013	422	27%	-61	0
1011373 06-02-47	WOENGI MIOS.....* 716452 STATES	2222189 1-35	5-67	0	11	2.91	1	11.0	13,856	3.23	448	5	13,004	455	22%	+183	-1
1011461 04-08-47	OOSTIE LOCHINVAR 8ANNER..... 954382 STATES	2161630 1-35	5-67		13	2.62	1	13.0	13,330	3.80	507	6	12,516	486	24%	+177	+5
1011882	.....* STATES	5-67 1-35		0	19	2.05	1	19.0	11,310	3.76	425	14	11,834	442	25%	-169	-4
1012176 05-18-47	KORNDYKE CANARY AAGGIE FAYNE.. 918491 STATES	2474896 2-32,35	0-00		16	2.00	2	14.1	8,573	3.69	316	5	10,406	369	26%	-546	-16
1012340 01-21-47	SIR WALKER RO8..... 869328 STATES	2261509 2-33,35	5-67	0	16	1.50	3	12.3	10,849	4.02	436	6	9,759	374	26%	+187	+13
1012406 07-27-47	HOESLY WAYNE POSCH..... 782352 STATES	2572462 1-35	0-00	0	19	2.68	1	19.0	10,520	3.72	391	5	11,555	412	26%	-311	-6
1013639 01-29-47	ASYLUM ORMS8Y DE KOL 8ELMONT.. 706703 STATES	2235540 1-35	5-67		21	2.33	1	21.0	8,851	3.50	310	16	9,618	336	25%	-284	-9
1014921 08-16-47	WIS DOUBLE ENTRY - TWIN.....* 933122 STATES	2257335 2-35,42	5-67	0	16	2.75	7	5.6	11,304	3.41	385	12	11,892	422	39%	-283	-16
1014926 09-18-47	WIS ORMS8Y IDEAL..... 933122 STATES	2628432 1-35	0-00		16	1.69	1	16.0	11,108	3.48	387	11	11,728	410	23%	-176	-6
1016346 07-25-46 STUD 35-05	8ONO HAVEN RAG APPLE DICTATOR.. 010137532 STATES	010481281 3-35,41,51	5-67	0	36	3.17	25	2.4	10,901	3.57	389	8	11,021	399	68%	-238	-12
1016476 10-04-47	ELKLAND JULE EMPEROR OE KOL...* 916471 STATES	2349723 1-35	5-67	0	13	3.00	4	4.3	12,306	3.71	456	7	12,898	472	37%	-232	-5
1016608 06-12-47	JENNITON SEGIS 8URKE.....* 901195 STATES	1814754 1-35	5-67	0	20	3.65	1	20.0	13,930	3.52	491	13	13,567	477	28%	+108	+4
1017183 10-20-47 STUD 35-14	PA8ST RO8URKE JOE.....* 859213 STATES	2630353 2-35,61	5-67	0	16	3.31	16	1.0	12,254	3.44	421	8	11,755	411	53%	+178	+1

REGISTRATION			INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	AVERAGES		REPEATABILITY OF SIRE SUMMARY	PREO DIFF	
NUMBER	NAME	OF BULL		NO	REC / DAU			MILK	%	FAT		MILK	FAT		MILK	FAT
1017340 09-13-47	KILLYBRACKEN 959464 STATES	FORWARD IMPERIAL. 2559561 1-35		13	2.46	2	11.1	10,563	3.55	375	4	10,816	388	26%	-129	-5
1017350 04-01-47	NOWISCO TIOY 751697 STATES	PANSY PAUL..... 2261727 2-35,91		30	2.33	3	24.4	12,470	3.51	438	5	11,505	418	30%	+236	+4
1017696 11-01-47	KYLAND FOBES 894515 STATES	BURKE 21ST..... 2426466 1-35	0	45	3.07	3	19.0	12,237	3.50	428	9	12,743	458	46%	-262	-14
1018227 10-08-47	EMPEROR HIGHMEAD 934714 STATES	KORNOYKE..... 2462633 1-35	0	13	2.62	1	13.0	13,279	3.52	468	3	13,275	459	24%	0	+1
1018279 08-15-47	SMITH HAVEN ZENOA - TWIN.....*	010144666 010488032 STATES 2-33,35	0	10	3.20	2	8.2	9,392	3.59	337	5	10,629	370	26%	-390	-11
1019095 11-21-47	LANGE BURKE JOE HOMESTEAD.....	869943 2516357 STATES 1-35		11	2.73	1	11.0	10,628	3.29	350	8	12,744	456	23%	-500	-24
1019280 09-10-47	PATHWAY HOMESTEAD ORMSBY BEETS	942025 2488193 STATES 1-35	0	25	2.12	5	11.4	11,234	3.77	423	5	11,393	418	39%	-138	0
1019315 11-01-47	POND GATE OVATION CHANCELLOR..*	919604 2356838 STATES 3-32,33,35	0	19	3.32	4	10.7	10,781	3.36	362	8	11,817	393	35%	-418	-13
1019318 11-09-47	POND GATE OVATION LESTER.....*	919604 2482694 STATES 2-35,41	0	18	2.22	3	12.7	11,797	3.66	432	8	12,049	416	30%	-113	+3
1019584 08-18-47	CRESCENT BEAUTY SUPREME GLORY.*	866531 2275268 STATES 4-16,35,51,81	0	24	4.00	6	7.5	11,923	3.61	431	8	12,590	454	48%	-355	-12
1020102 04-04-47	ORMSBY FEMCO ALMA FOBES.....	790424 2562829 STATES 1-35	0	11	2.36	1	11.0	10,639	3.35	356	4	12,698	448	23%	-477	-21
1020136 08-18-47	TWELVELMS MAN-O-WAR HOMESTEAD.*	945462 2555473 STATES 2-33,35	0	16	2.06	6	4.8	11,276	3.46	390	7	11,932	411	40%	-314	-10
1020164 01-03-48	CORNSTONE SOWISCOL DUPLICATOR.	922338 2234472 STATES 1-35	0	17	2.18	1	17.0	9,823	3.42	336	2	11,437	404	24%	-425	-17
1020378	.....	0-00	0	16	4.31	1	16.0	9,905	3.62	359	4	10,638	367	27%	-271	-4
1020597 11-04-47	KNOLLWOOD CHIEF-VAR COLONEL..	871376 2312153 STATES 1-35	0	24	1.63	2	22.0	10,018	3.55	356	2	10,832	378	26%	-276	-8
1020999 08-28-47	WAL-CO-FARM OAWN ROBY FOBES...*	924105 2526371 STATES 1-35	0	13	1.92	2	7.4	10,786	3.59	387	6	11,577	415	29%	-278	-9
1021222 12-21-47	KENLAND CREAMELLE OLLIE DESIGN*	927280 2085012 STATES 1-35	0	14	3.21	1	14.0	9,171	3.45	316	4	9,431	343	25%	-163	-9
1022694 07-22-47	W I S LIEUTENANT KELLY.....*	914219 2361314 STATES 1-35	0	22	2.45	1	22.0	13,146	3.22	423	4	12,038	417	27%	+261	0
1023004 10-14-47	WIS BUBBLER ORMSBY BURKE.....	900520 2508775 STATES 7-22,23,34,35,42	0	122	2.83	91	1.6	10,440	3.69	385	8	11,689	417	88%	-1248	-33
1023345 10-05-47	GODFREY-S MARTO BURKE DIRECT..*	894515 2345570 STATES 1-35	0	11	3.45	1	11.0	12,124	3.71	450	8	11,684	426	25%	+67	+4
1023921 11-22-47	LUCKY MAYTAG MAN-O-WAR.....	934146 2572651 STATES 1-35	0	14	2.79	1	14.0	8,626	3.37	291	5	10,223	354	25%	-484	-18
1024765 11-14-45	HILOCREST MOOIE CHIEF.....	913281 2076269 STATES 1-35	0	31	2.42	1	31.0	12,138	3.48	423	4	11,458	407	27%	+133	+2
1025268 11-01-47	ADMIRAL GIFT 9TH.....*	921293 2089243 STATES 1-35	0	20	2.25	7	4.7	12,670	3.47	440	9	12,499	442	45%	+39	-2
1025339 11-24-47	PABST SIR REGAL JULE - TWIN...	901195 1897933 STATES 2-33,35	0	14	3.14	14	1.0	12,398	3.62	449	7	12,223	443	50%	+31	+1
1025343 01-04-48	PABST EXPECTATION.....*	975892 2497935 STATES 2-35,51	0	20	2.60	7	4.7	12,237	3.63	444	6	12,437	456	46%	-134	-6
1025659 09-22-47	LARRIETTA JOE HENRY.....	985897 2622090 STATES 2-34,35		11	2.18	2	9.1	10,696	3.72	398	6	10,699	381	25%	-65	+2
1025773 07-15-44	MILLION DOLLAR ADMIRATION.....	799568 1834540 STATES 1-35		10	2.90	2	6.8	14,401	3.38	487	5	13,401	470	28%	+283	+4
1025782 10-15-46	GREAT HOME I FOBES VICKERY PET*	895646 1974444 STATES 1-35	0	10	3.60	3	4.2	10,432	3.58	373	14	11,274	399	34%	-351	-11
1025951 12-21-47	TREMCO BURKE ALLEN.....	938770 2381810 STATES 1-35		12	3.50	1	12.0	10,981	3.32	365	6	10,902	351	25%	-41	0

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEAT		ABILITY		PRED	
NUMBER	NAME	DF	U L L		NO	REC / DAU			MILK	%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	MILK	FAT		
1026678 12-28-47	DUANE BURKE PRINCE..... 950651 2386024 5-67 STATES 1-35			0	18	1.94	3	11.4	11,266	3.63	409	10	12,187	441	30%	-315	-10		
1026994 01-02-48	FAYNE CARNATION MOOEL..... 893691 2403098 0-00 STATES 1-35			0	11	3.00	1	11.0	10,092	3.86	390	4	11,281	417	24%	-330	-7		
1027250 02-20-46	JENNITDN PRINCE ECHD..... 752797 2307010 5-67 STATES 1-35			0	15	2.67	3	8.7	10,817	3.24	350	11	11,778	399	32%	-362	-18		
1027683 09-13-47	8ROOKSIDE VENTNOR KY8URKE..... 894515 2398229 5-67 STATES 1-35			0	10	3.90	1	10.0	10,922	3.53	386	11	11,268	398	25%	-137	-4		
1027980 06-15-47	BLUEIRO CURTISS CANDY..... 949569 1731601 5-67 STATES 1-35			0	11	1.00	1	11.0	12,774	3.44	440	6	11,983	405	18%	+119	+5		
1028630 12-05-46	8RANLINE GENERAL SIR ROSE..... 904819 1869397 5-67 STATES 1-35			0	18	4.39	2	14.4	12,127	3.62	439	5	12,145	443	32%	-43	-2		
1028772 08-02-47	FOHON FEMCO ALMA ORMS8Y EXCELL* 790424 2290828 5-67 STATES 1-35				27	1.96	2	13.6	11,241	3.31	372	5	11,273	385	37%	-87	-7		
1028790 02-21-47	RDL8ROOK NETHERLAND KING JOE.. 849532 2340685 0-00 STATES 1-35			0	10	3.30	1	10.0	10,705	3.63	389	3	11,305	401	24%	-189	-4		
1028791 02-22-47	ROL8RDOK MEISEGEIER HOMESTEAO.* 946329 2453594 5-67 STATES 1-35				11	5.64	1	11.0	10,430	3.56	371	7	10,552	388	26%	-104	-6		
1029240 11-06-46	LEROIIS SIR PEARL F08ES..... 892113 2211715 0-00 STATES 1-35			0	13	2.38	2	11.1	9,667	3.57	345	14	10,344	367	26%	-250	-8		
1029276 02-25-48	TOM TRITOMIA F08ES CRMS8Y..... 896746 2518447 0-00 STATES 1-35			0	16	2.63	2	14.1	9,265	3.63	336	6	11,260	397	25%	-559	-17		
1029793 12-09-47	WIN-STAFI SIR GOVERNOR CANARY.* 889776 2080685 5-67 STATES 1-35				19	3.89	2	11.6	12,583	3.66	461	6	12,737	460	36%	-77	0		
1030323 10-04-47	MEISEGEIER VALE WALKER VAR..... 894536 2172241 5-67 STUO 35-07 STATES 2-23,35			0	17	3.24	12	1.9	11,955	3.81	455	14	12,447	456	51%	-295	-1		
1030845 08-17-47	CHRISTY HOMESTEAO RENOWN..... 943799 2280822 5-67 STATES 1-35			0	21	1.71	3	17.2	12,770	3.51	448	3	12,371	417	27%	+82	+7		
1031027 01-05-48	OSMAN KING SEGIS 8URKE..... 879941 2266798 5-67 STATES 2-23,35			0	43	3.00	6	16.7	12,394	3.58	444	8	12,635	462	47%	-147	-9		
1031322 12-24-47	CANARY F08ES 8ONNY 8OY..... 902551 1937298 5-67 STATES 1-35			0	14	2.93	1	14.0	10,944	3.48	381	5	11,104	394	24%	-93	-4		
1031357 09-14-47	8LOOMER TRITOMIA F08ES..... 872945 2306925 5-67 STATES 1-35			0	13	1.54	1	13.0	9,277	3.57	331	3	9,457	344	21%	-120	-5		
1031802 03-17-48	MEADOWSWEET MONTVIC A88EKERK O 950913 2299467 5-67 STATES 1-35			0	14	2.21	1	14.0	11,045	3.52	389	6	13,213	460	24%	-512	-16		
1031902 08-27-47	MIO-ELM CHEROKEE JAY 8..... 935766 2766348 0-00 STATES 1-35			0	14	2.36	1	14.0	10,899	3.60	392	13	11,001	415	24%	-80	-6		
1032564 11-20-47	L COVE CLIFF CLEO LOCHINVAR... 887051 2169846 5-67 STATES 2-33,35			0	14	2.64	2	12.1	10,227	3.39	347	6	11,117	395	27%	-299	-14		
1032615 06-29-48	CRESCENT 8EAUTY SUPREME COMMAN* 866531 2275263 5-67 STATES 1-35			0	30	3.47	5	10.4	11,310	3.52	398	5	10,922	389	48%	+69	0		
1033121 11-10-47	SHROPLANOS SARCASTIC JOE..... 906715 2462631 0-00 STATES 1-35			0	17	3.35	2	13.4	14,271	3.52	503	3	13,190	474	30%	+316	+8		
1033428 12-23-47	TWELVELMS MAN-O-WAR LAO..... 945462 2204560 0-00 STATES 1-35			0	28	3.32	1	28.0	11,233	3.20	359	5	11,818	394	29%	-215	-12		
1034096 10-07-47	HA8EROALE HOMESTEAD HENRY..... 958655 2671881 5-67 STATES 1-35			0	22	1.91	1	22.0	10,233	3.32	340	5	10,377	348	25%	-111	-5		
1034391 01-04-48	SANMARGALE TWENTY GRAND..... 906000 2268941 5-67 STATES 1-35				27	2.78	1	27.0	9,624	3.68	354	5	10,349	375	27%	-280	-8		
1034839 01-15-48	VERI8EST SIR HUOSON OLLIE..... 792635 2297087 0-00 STATES 1-35			0	12	2.42	2	6.6	13,137	3.69	485	9	12,350	467	30%	+204	+5		
1034950 12-10-47	LEWLANO F08ES CAPTAIN..... 822837 2544087 5-67 STATES 1-35			0	11	1.64	3	7.5	9,733	3.67	357	3	12,103	427	25%	-625	-18		
1035278 01-22-48	SANOY LANE VICTOR ORMS8Y..... 930872 2418507 0-00 STATES 1-35			0	12	2.25	1	12.0	12,070	3.56	430	2	12,718	449	23%	-159	-4		
1037221 03-19-48	ECHO VALLEY ADMIRAL MECHTHILOE* 958828 2462839 5-67 STATES 1-35			0	14	3.86	4	5.0	12,300	3.53	434	8	11,883	427	38%	+102	0		

REGISTRATION					INC %	DAUGHTERS NO	REC / OAU	NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	MILK						%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
1037437 06-19-48 STUO 93-10	WOLFSEN 882689 STATES	ACRES 2656157 2-51,93	DESIGN..... 5-67	25	1.48	7	8.9	15,620	3.48	544	40	15,821	552	40%	+18	0		
1037543 10-30-47	MOKAWANA 859213 STATES	SILVER ROAMER..... 2242738 2-35,41	5-67	22	1.14	5	7.4	11,310	3.77	426	3	11,216	420	37%	-43	0		
1038175 01-27-48	NOWISCO 856617 STATES	SENSATION FORLEAN WAYN* 2480522 1-35	5-67	14	2.21	3	9.0	13,562	3.43	465	11	12,746	448	29%	+218	+4		
1038953 12-21-47	ST CROIXCO 750270 STATES	GILL HILL OLLIE..... 2210225 1-35	0-00	0	14	2.00	2	7.1	11,862	3.84	455	7	12,943	470	31%	-351	-4	
1040008 04-24-48	MISHICOT 961904 STATES	PIETERTJE CHIEF..... 2191146 1-35	0-00	0	14	2.14	2	7.0	9,955	3.93	391	4	10,371	385	32%	-231	0	
1040107 04-09-48	ORMS8Y INKA 971921 STATES	CREAMELLE MERCEDES 2593471 1-35	5-67	15	2.60	1	15.0	12,537	3.55	445	8	13,148	458	24%	-153	-3		
1040218	.....	.....	5-67	0	14	2.79	2	7.0	13,042	3.21	419	6	12,916	456	34%	+28	-13
1040646 11-29-47	RUSHMERE 841145 STATES	PRIDE JOHANNA COUNT 8 2471602 1-35	0-00	0	18	1.39	2	14.4	13,220	3.43	453	5	12,545	472	25%	+151	-4	
1041710 06-25-48	CHIPCO 888238 STATES	KING THERESA..... 2004855 1-35	0-00	0	15	3.27	1	15.0	12,722	3.56	453	15	12,777	447	26%	-28	+1	
1044300 12-05-48	KING 933204 STATES	INSPIRATION CASCADE..... 2176203 1-35	0-00	0	10	2.30	1	10.0	11,154	3.71	414	4	12,062	427	23%	-235	-3	
1044345 03-02-48	WINNEBAGO 850128 STATES	SIR KING F08ES PONTI* 2167806 1-35	5-67	0	16	2.56	1	16.0	11,459	3.42	392	6	11,295	390	25%	-10	-1	
1044817 03-18-48	WEAVERDALE 820083 STATES	ELMO LAD..... 2168495 1-35	5-67	17	2.18	2	15.1	11,173	3.44	384	7	12,101	427	26%	-275	-12		
1044973	.....	.....	0-00	0	23	2.74	1	23.0	11,659	3.41	398	8	11,327	399	26%	+33	-2
1045210 12-01-47	OUANE 894515 STATES	LAD BURKE.....* 2474384 2-35,87	5-67	0	18	3.39	2	16.1	11,284	3.62	408	7	10,830	394	28%	+57	+1	
1045798 12-01-47	SCHUTZHOLM 954930 STATES	POSCH REX.....* 2577904 1-35	5-67	0	11	2.18	1	11.0	9,904	3.35	332	3	11,737	388	23%	-450	-14	
1046108 10-08-47	ARPIN 930990 STATES	RAG APPLE ORMS8Y BONNIE.* 2569210 1-35	5-67	0	17	3.94	3	13.3	11,257	3.94	443	8	11,400	434	29%	-97	+1	
1046174 04-25-48	LONE 983757 STATES	VALLEY CRESCENT ADMIRAL..* 2588571 3-21,23,35	5-67	0	15	3.60	4	8.4	12,326	3.29	405	10	12,048	432	33%	+49	-10	
1046281 07-18-48	WIS 968349 STATES	VALENTINE 8U88LER..... 2683294 1-35	0-00	12	2.08	1	12.0	14,755	3.48	513	2	14,428	513	22%	+96	+1		
1046508 09-14-44	COLUMBIAN 786035 STATES	SEGIS ROLLO 8ELMONT. 2104297 1-35	5-67	0	14	2.64	1	14.0	7,731	3.41	264	4	8,746	300	24%	-355	-12	
1047895 08-26-48	ST CROIXCO 971854 STATES	BESS BURKE 8EETS...* 2709568 1-35	5-67	0	14	4.50	1	14.0	14,699	3.99	587	11	13,843	520	27%	+243	+19	
1048024 11-22-47	DIX 908808 STATES	F08ES BURKE MERCEDES..... 2446765 1-35	0-00	0	22	1.95	2	20.0	11,578	3.69	427	4	12,622	448	26%	-291	-5	
1048378 01-08-48	FOREST80LO 884035 STATES	BURKE JERRY.....* 2706311 1-35	5-67	0	11	1.55	2	9.1	12,545	3.42	429	5	11,819	416	23%	+129	+1	
1049313 10-08-48	8HF BROWNSTEO 822837 STATES	TRIUNE F08ES... 2181546 1-35	0-00	0	31	2.97	1	31.0	11,165	3.59	401	97	11,501	424	29%	-151	-8	
1049584 09-18-48 STUO 35-02	PA8ST ROAMER 859213 STATES	SKYLARK..... 2024677 2-33,35	5-67	0	57	2.63	50	1.2	11,711	3.56	417	8	11,822	419	79%	-207	-6	
1050171 09-04-48	WEBER 914049 STATES	ROAMER BURKE SUPREME.... 2341168 1-35	0-00	0	17	2.94	1	17.0	10,986	3.65	401	4	11,328	405	27%	-143	-2	
1050257 10-16-48	KING 930043 STATES	BESSIE CARNATION WALKER.. 2660745 1-35	0-00	0	11	2.27	2	9.1	9,474	3.65	346	9	10,487	371	24%	-311	-8	
1051944 11-22-48	ORMS8Y F08ES 937171 STATES	SEGIS 8URKE..... 2380112 1-35	0-00	0	14	2.21	2	12.1	11,653	3.74	436	5	11,472	405	25%	-1	+6	
1051993 10-26-48	ROSS 949284 STATES	SOVEREIGN TIOY..... 2165827 1-35	0-00	0	14	3.29	1	14.0	10,197	3.29	335	5	11,255	381	25%	-311	-13	
1053084 01-17-48	KING 949159 STATES	PRINCE JULE.....* 2481902 4-35,42,48,74	5-67	30	3.10	10	5.3	12,003	3.40	408	9	11,738	417	57%	+59	-8		

REGISTRATION			INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			HEROMATE NO	ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY	PREO OIFF	
NUMBER	NAME	OF BULL		NO	REC / OAU			MILK	%	FAT		MILK	FAT		MILK	FAT
1063561 10-10-48	GOLZ MERCEDES 938066 STATES	RUTH KORNOYKE... 2639381 1-35	0	15	1.67	1	15.0	9,420	3.50	330	3	10,409	365	23%	-290	-10
1063610 08-11-47	OMRO JOE PRINCE - TWIN..... 979360 STATES	2477115 1-35	0	19	2.11	1	19.0	10,960	3.70	406	6	11,978	432	25%	-285	-7
1064002 12-13-48	WIS OLLIE IOEAL - TWIN.....* 933122 STATES	2286188 2-23,35	0	33	3.94	5	25.6	13,315	3.61	481	8	12,209	439	34%	+341	+13
1064099 03-30-48 STUO 35-06	INSPIRATION CASCAOE JOEY.....* 933204 STATES	2252021 1-35	0	18	3.00	2	9.1	11,881	3.73	443	6	12,523	460	37%	-264	-6
1064439 01-26-49	MAPLE LANE RENO.....* 901195 STATES	2674057 2-35,41	6	24	2.21	5	6.9	13,219	3.65	482	7	12,856	468	45%	+140	+5
1065855 12-23-48	CRESCENT PRINCE ADMIRAL.....* 984749 STATES	2916870 1-35	0	16	2.69	1	16.0	11,229	3.54	397	10	11,412	434	25%	-95	-10
1066567	.....	.....	0	12	2.08	2	10.1	8,637	3.57	308	6	9,610	350	25%	-329	-13
	STATES	1-35														
1066586 11-20-47	ORALOO BELMONT JOHANNA LAO... 896313 STATES	3060984 1-35	0	15	2.60	1	15.0	10,285	3.54	364	7	10,756	385	25%	-182	-7
1067109	.....	.....	0	11	4.09	1	11.0	12,961	3.36	436	9	12,254	437	24%	+144	0
	STATES	1-35														
1067502 11-02-48	LOUROSE RAG APPLE KING..... 989594 STATES	2756988 1-35	0	12	2.50	2	7.5	11,441	3.44	393	11	11,813	415	29%	-152	-7
1067607 12-05-48	TILFA HEISEGEIER BELMONT..... 814094 STATES	2455790 1-35	0	15	2.53	4	5.6	12,931	3.61	467	8	12,476	471	38%	+138	-1
1067736	.....	.....	0	17	3.35	5	6.0	13,947	3.57	498	6	12,986	473	41%	+378	+10
	STATES	1-35														
1067737 04-30-49	PRIOE ROAMER PABST COMET.....* 959466 STATES	2585844 2-35,51		18	2.17	4	11.2	11,288	3.75	423	6	12,142	434	32%	-306	-4
1067902 08-18-48	SEE LAN HEILO SIR CORNUCOPIA.. 848806 STATES	2259123 2-35,51	0	15	2.73	2	13.1	10,437	3.41	356	4	11,565	401	26%	-344	-13
1068202 03-06-49	COLANTHA PABST ROAMER..... 859213 STATES	2293357 1-35	0	15	4.07	1	15.0	11,995	3.67	440	6	12,165	444	26%	-73	-1
1068282 12-12-48	VICKERY BURKE KING.....* 1013123 STATES	2812910 2-33,35	0	12	2.25	4	3.8	11,390	3.73	425	7	11,911	426	36%	-239	-2
1068877 04-21-48 STUO 35-05	LEONGARO KAN-IOA BURKE.....* 864178 STATES	2222946 5-67 5-35,41,42,86,87	0	73	2.84	53	2.2	13,419	3.61	485	12	13,316	477	81%	+80	+6
1069722 10-11-48	EVERLANO ALCARTRA SEGIS..... 1011037 STATES	2051272 1-35	0	11	4.73	1	11.0	9,754	3.45	337	7	10,576	369	25%	-270	-10
1070066 10-26-48	SIR PIEBE JEWEL TRITOMIA..... 993600 STATES	2875789 1-35	0	10	2.30	1	10.0	11,069	3.25	360	13	10,463	351	22%	+71	0
1070193 05-08-49	ALJOAN LAO LOWELL..... 755887 STATES	2382803 5-67 2-33,35	0	10	2.80	2	5.0	13,661	3.83	523	11	13,727	515	30%	-8	+3
1071247	.....	.....	0	10	1.30	2	6.8	11,183	3.74	418	6	12,576	445	23%	-334	-6
	STATES	1-35														
1072325 10-06-48	CARNATION REVELATION HEROMASTE* 943802 STATES	2355005 5-67 4-35,47,55,74	0	23	2.22	6	9.7	10,021	3.34	335	4	11,980	409	40%	-842	-32
1072833 03-16-49	WOODNORTH COMET ENVOY..... 959466 STATES	2113571 1-35	0	18	4.78	1	18.0	12,871	3.63	467	22	13,151	474	28%	-83	-1
1073027 04-11-49	GREENCOWIS INSPIRATION ELMAO.* 933204 STATES	2482565 5-67 1-35	0	17	4.59	1	17.0	11,321	3.40	385	4	10,651	372	29%	+115	0
1073203 01-02-49	BROCKMAN MAYFLOWER CELEBRITY.. 943799 STATES	2823141 5-67 1-35	0	18	4.78	1	18.0	13,137	3.20	420	8	12,722	439	28%	+100	-6
1073301 11-06-48	ROCK-STAR LOCHINVAR PONTIAC... 964503 STATES	1924495 5-67 1-35	0	20	2.35	1	20.0	11,101	3.22	358	2	11,733	401	26%	-202	-12
1073907 05-27-49	MOONLIT OALE PEACH PABST BURKE 916877 STATES	2710953 5-67 1-35	0	13	1.62	1	13.0	11,304	3.24	366	8	11,555	381	22%	-92	-5
1074993 05-02-48	SEGIS OLLIE BEETS OE KOL..... 968463 STATES	2588953 0-00 1-35	0	23	2.96	1	23.0	9,156	3.55	325	6	10,267	358	28%	-401	-12
1075176 05-15-49	RACOWIS PREOICION.....* 864818 STATES	2373256 5-67 1-35	0	21	3.71	1	21.0	10,998	3.70	407	15	11,293	420	28%	-138	-4

REGISTRATION					INC %	DAUGHTERS			EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO OIFF FAT
NUMBER	NAME	OF	BULL	NO		REC / OAU	NO OF HEROS	MILK		%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY		
1075232 02-15-49	SEQUOIA PRINCE 917930 STATES	A Y..... 2995473 1-93	5-67	0	12	1.92	1	12.0	16,500	3.53	583	172	16,915	583	22%	-12	+2
1075264 04-07-48	CARROLIAN ORMSBY 958831 STATES	OELLA..... 2288682 2-32,35	5-67	0	12	1.50	2	10.1	11,176	3.65	408	3	11,271	416	23%	-68	-2
1075453 04-21-49	SIR ARLEN OESIGN..... 738106 STATES	2338339 1-22	5-67	0	17	4.88	5	7.8	12,083	3.60	435	5	12,352	437	40%	-146	-2
1076148 10-04-48	BURKE TRITOMIA OAWN MASTER.... 933966 STATES	2986574 1-35	0-00	0	10	3.10	1	10.0	10,721	3.54	380	2	11,654	421	24%	-260	-10
1076823 01-06-49	HESSLYN ORMSBY F08ES PRIOE NIG 935802 STATES	2211627 1-35	0-00	0	10	3.40	1	10.0	12,109	3.74	453	5	12,169	456	23%	-40	0
1076911 12-23-48	COLETTE MAOCAP ROCK JOLENE MAX* 925394 STATES	2421546 1-35	5-67	0	32	4.88	1	32.0	11,526	3.64	420	13	11,826	431	31%	-139	-4
1078226 08-05-49	GRAM CHIEF BESS LAO..... 982965 STATES	2979512 1-35	5-67	0	12	2.25	2	6.1	10,511	3.75	394	10	10,146	367	31%	+13	+5
1079374 10-25-48	SKOKIE PRINCE PERFECTION..... 915469 STATES	2362351 2-33,35	5-67	0	21	2.19	8	5.8	12,543	3.40	426	7	12,279	438	42%	+66	-6
1079414 09-29-48	ADMIRAL PRIOE BELMONT JOHANNA. 904872 STATES	2485814 1-35	0-00	0	23	3.91	2	19.3	12,778	3.76	481	5	12,950	468	32%	-67	+4
1080161 05-10-49	WIS VALENTINE KING..... 968349 STATES	2722521 1-35	5-67	0	15	2.73	1	15.0	11,885	3.37	401	2	11,884	419	25%	-36	-5
1080870 06-06-48	FOREST8OLO AOMIRAL..... 918940 STATES	2325637 1-35	0-00	0	11	1.91	1	11.0	9,868	3.57	352	8	10,461	375	22%	-189	-6
1081033 09-11-46	KING MAOCAP MAXIMUM..... 925394 STATES	2391682 1-35	5-67	0	31	2.19	3	14.5	10,093	3.59	362	7	11,843	406	40%	-752	-20
1081055 04-12-49	BURKE ORMSBY F08ES TRITOMIA... 963902 STATES	2605630 2-35,42	5-67	0	10	2.50	2	6.8	10,708	3.54	379	8	11,427	397	26%	-238	-6
1081085 08-07-49	CHIPCO KING MONTVIC..... 888238 STATES	2004855 1-35	0-00	0	11	2.18	1	11.0	12,335	3.45	426	7	12,867	450	22%	-124	-5
1081160 01-04-49	STERLING BURKE ROAMER..... 981356 STATES	2438023 1-35	0-00	0	11	2.27	2	9.1	13,098	3.28	430	7	13,108	453	24%	-7	-5
1081382 10-02-48	F08ES M M PANSY JOE..... 969853 STATES	2679901 2-33,35	5-67	0	12	3.33	4	7.0	12,501	3.49	436	17	13,230	450	32%	-233	-5
1081472 09-29-48	KNEEOMORE SENATOR BELLE BURKE. 870812 STATES	2168120 2-23,35	5-67	0	10	2.40	4	5.2	10,121	3.53	357	4	11,948	423	29%	-562	-20
1082085 09-24-49	GAMEHILL TIOY SOVEREIGN..... 984491 STATES	2347603 1-35	5-67	0	11	2.00	1	11.0	11,941	3.60	430	3	11,068	399	22%	+142	+5
1082884 07-18-49	PA8ST ROBURKE WEBER..... 859213 STATES	2268101 1-35	5-67	0	26	2.54	1	26.0	11,986	3.40	408	4	11,657	408	27%	+43	-1
1083128 09-25-49	ASYLUM SIR BELMONT BURKE..... 1023402 STATES	1895102 1-35	5-67	0	37	2.86	1	37.0	12,198	3.57	435	11	12,919	457	29%	-218	-6
1083667 04-28-49	WALOHOLM JESSE SIR OLLIE..... 842464 STATES	2536001 1-35	5-67	0	12	2.08	1	12.0	10,091	3.39	342	7	11,377	407	22%	-323	-15
1085309 07-11-49	MERIWETHER REBURKE JESSICA.... 992853 STATES	2770549 1-35	0-00	0	35	3.63	1	35.0	11,675	3.36	392	8	11,928	414	29%	-115	-8
1085310 10-05-49	MERIWETHER REBURKE HECTOR..... 992853 STATES	2589153 1-35	5-67	0	20	2.60	1	20.0	13,302	3.27	435	5	14,232	495	26%	-219	-14
1086338 08-31-49	FAYNE OUNLOGGIN AALTJE..... 853061 STATES	2819021 1-35	0-00	0	12	1.50	1	12.0	11,806	3.63	428	5	11,788	413	21%	-28	+2
1087242 09-16-49	SIR AOMIRAL HOESLY JOE..... 958828 STATES	2492769 1-35	5-67	0	10	1.40	2	8.2	12,155	3.41	415	3	13,103	458	21%	-206	-9
1087620 04-15-49	GRABERHILL A88EKERK CASCAOE... 1007357 STATES	2384440 2-21,35	5-67	7	18	4.06	2	16.1	10,398	3.54	368	8	10,805	370	29%	-191	-3
1087713 09-18-49	HESSLYN ORMSBY F08ES REGAL.... 935802 STATES	2657829 3-23,35,41	5-67	0	15	2.07	5	8.3	11,972	4.00	479	6	13,263	495	31%	-401	-4
1088439 09-09-49	SIR COMET BURKE PA8ST..... 959466 STATES	2264905 1-35	5-67	0	21	3.19	1	21.0	13,127	3.72	488	5	13,367	476	27%	-64	+3
1088855 06-04-49	GWENHAVEN SIR JEWEL F08ES - TW 826750 STATES	2374673 1-35	5-67	0	30	2.33	2	28.0	11,468	3.37	387	7	11,355	399	28%	-23	-5

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE		PRED DIFF	
NUMBER	NAME	OF	SULL		ND	REC / OAU			MILK	%	FAT	ND	MILK	FAT	SUMMARY	MILK	FAT
1089616 07-25-49	MARATHON 845079 STATES	GLDVER 2401341 4-23,33,35,43	SHOWBOY.....* 5-67	0	17	3.71	7	5.4	10,872	3.55	386	14	11,861	436	43%	-484	-22
1090317 12-26-49	WIS 933122 STATES	IDEAL CMDMNDER.....* 2722517 1-35	5-67	0	33	3.24	2	16.5	13,117	3.47	455	7	12,954	470	41%	+51	-6
1091830 02-08-48	SIR 932377 STATES	ORMS8Y F08ES TOP ROW.....* 2315815 1-35	5-67	0	13	1.54	2	11.1	12,524	3.10	388	2	13,068	445	23%	-131	-13
1092505 10-24-49	ELKLAND 1041524 STATES	ADMIRAL MIKE.....* 2750876 1-35	5-67	0	19	4.37	1	19.0	12,176	3.77	459	9	12,815	454	27%	-184	0
1093147 10-15-49	OUANE 950651 STATES	BURKE LADDOIE.....* 2411130 1-35	0-00	0	14	2.86	1	14.0	10,065	3.71	373	3	9,896	352	26%	-44	+2
1094296 06-14-49 STUD 35-01	GRAY 895911 STATES	VIEW JONAH BURKE.....* 2202254 3-35,42,51	5-67	0	39	2.49	17	8.4	12,803	3.56	456	9	12,537	454	55%	+100	0
1095963 07-11-48	RASUM 971939 STATES	JDE DE KOL DRMS8Y.....* 2350750 1-35	5-67	0	18	3.39	3	11.4	10,010	3.78	378	8	10,191	368	33%	-162	0
1096724 12-12-49	ST CROIXCD 984801 STATES	R08ARTA 8ELL 8DY... 2866728 1-35	5-67	0	15	3.00	1	15.0	11,894	3.70	440	13	12,327	470	25%	-133	-7
1097094 09-28-49	BARRON MAN-0-WAR 1033472 STATES	80AST.....* 2234329 1-35	5-67	0	17	2.41	6	3.8	11,434	4.07	465	8	12,243	461	43%	-398	+1
1097331 01-02-50	E V 8 1010916 STATES	MDNTVIC LIBERATOR RENOWN 2879358 2-91,92	5-67	0	14	3.14	2	12.1	10,521	3.52	370	7	12,038	415	27%	-446	-13
1098068 12-28-49	WINNEBAGO SIR 897822 STATES	TULIP BURKE.....* 2592055 1-35	0-00	0	10	3.70	1	10.0	13,094	3.58	469	13	12,875	471	24%	+41	0
1098662 03-07-50	WIS 1045151 STATES	HAZELWDDD BURKE BESS.....* 2892874 1-35	0-00	0	20	1.70	1	20.0	10,757	3.64	392	10	11,991	450	24%	-324	-14
1099015 02-24-50	BIRDLAWN 1010665 STATES	ROAMER PARD MAYDR.....* 2545488 1-35	5-67	0	14	3.79	4	4.1	12,132	3.54	430	15	13,187	460	42%	-447	-13
1099339 08-28-49	ELMER 968968 STATES	8RDDK PETER HDMESTEAD... 3110503 1-35	0-00	0	21	3.00	1	21.0	10,793	3.73	403	4	11,180	412	28%	-166	-4
1099439 07-23-49	ELLIS OEKE 1026240 STATES	GINGER OAWN.....* 2507875 3-33,35,61	5-67	0	19	4.58	5	12.0	11,986	3.64	436	10	12,079	429	35%	-76	0
1099531 STATES	.....* 5-67	2-14,35		0	10	2.50	5	2.6	11,343	3.83	434	5	12,037	438	34%	-279	-2
1099570 12-17-49	GDDORIGHT 959466 STATES	ADMIRAL GLENN.....* 2196999 1-35	5-67	0	23	3.30	8	4.9	12,661	3.63	460	7	12,690	468	51%	-48	-4
1100412 02-28-50	MEISEGEIER 894536 STATES	LENA JOE VAR.....* 2370052 2-23,35	5-67	10	20	2.55	4	8.6	10,804	3.83	414	6	11,803	454	37%	-426	-15
1101369 12-17-49	FAYNE 1024544 STATES	CRESCENT INKA.....* 2649944 1-35	5-67	0	10	2.30	1	10.0	11,435	3.71	424	7	11,792	441	23%	-115	-4
1101393 10-05-49	RDLIMAN 1008456 STATES	PRIDE HOMESTEAD.....* 2844804 1-35	8-62	0	11	2.91	1	11.0	11,953	3.41	407	5	12,122	421	24%	-68	-4
1102099 03-25-50	MEISEGEIER 894536 STATES	SPDTTIE LDCHINVAR.. 2219227 1-35	5-67	0	14	1.71	1	14.0	8,008	4.03	323	6	9,531	358	22%	-426	-10
1102324 12-18-49	D D 895914 STATES	PA8ST 8EAUTYMDRE.....* 2328713 1-35	0-00	0	24	2.75	1	24.0	10,341	3.37	348	6	10,642	386	28%	-158	-12
1102694 02-03-50	PDND 959466 STATES	GATE EXCELLENT CDMET.....* 2308692 2-35,42	5-67	2	80	2.51	17	25.6	11,553	3.69	426	24	12,063	433	53%	-340	-6
1103409 02-16-50	STURDY OAK 1001749 STATES	MAGIC GOVERNDR.....* 2866781 1-35	5-67	0	13	2.08	3	6.2	13,092	3.48	456	3	12,790	471	32%	+78	-4
1103696 01-06-50	PATHWAY 1014925 STATES	BURKE CRUSADER.....* 2314019 1-35	5-67	0	24	1.75	2	18.7	10,205	3.70	378	5	11,283	417	29%	-368	-12
1103968 03-27-50	APPLE CREEK 901195 STATES	SIR REGAL BURKE...* 2325336 2-33,35	5-67	0	17	2.82	5	5.5	13,618	3.43	467	7	13,201	466	41%	+164	0
1104655 04-09-50	PA8ST 835919 STATES	PDSCH SIGNAL.....* 2901874 1-35	5-67	0	20	1.85	1	20.0	10,705	3.62	387	7	12,755	457	24%	-503	-16
1105001 03-04-50 STUD 35-02	GRAY 895911 STATES	VIEW BURKE SKYRIDER.....* 2160571 1-35	5-67	0	46	3.07	42	1.1	12,710	3.66	465	13	13,406	476	76%	-524	-8
1105548 STATES	.....* 0-00	1-35		0	23	2.35	4	9.1	12,439	3.54	440	7	12,738	474	40%	-145	-13

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES		ADJUSTED HEROMATE AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO DIFF FAT	
NUMBER	NAME	OF	BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	FAT	%	MILK	FAT
1105928 C2-23-50	JOE SENSATION 1024747 STATES	INKA..... 2559693 1-35	5-67		18	3.11	1	18.0	11,999	3.38	406	11	11,377	397	27%	+113	0
1106935 03-16-50	HOOOS CHERRY HILL 938193 STATES	AAGGIE OUK. 3052870 1-12	5-67		15	3.07	1	15.0	12,979	3.62	470	7	11,789	440	26%	+266	+7
1106966 04-03-50	JENNITON ORMSBY 955822 STATES	ROAMER WAYNE.. 2033797 1-35	0-00	0	10	1.20	1	10.0	8,762	3.50	307	10	11,090	363	19%	-474	-12
1107145 11-10-49	CARNATION BEAUTY 808292 STATES	PROGRESSOR.... 2758512 1-35	5-67	0	17	2.53	3	13.3	10,981	3.43	377	4	11,678	400	29%	-249	-8
1108831	STATES	1-35	5-67	0	11	1.00	1	11.0	9,519	3.50	333	3	9,197	326	18%	-16	-
1108844 01-10-49	BRANLINE HOMESTEAD 979993 STATES	KING..... 2464200 1-35	0-00		14	3.14	1	14.0	14,619	3.56	520	5	13,450	486	25%	+291	+8
1108913 01-09-50	P 8 F ORMSBY 741318 STATES	AUTOCRAT..... 2228795 1-23	5-67	0	13	2.69	2	11.1	12,193	3.67	447	3	11,746	422	27%	+76	+5
1109061 11-04-49	AAGGIE JONABELL 960901 STATES	CANARY..... 2769469 1-35	5-67	0	20	4.65	2	18.1	13,312	3.46	461	6	12,403	442	30%	+244	+4
1109321 05-13-50	80-CANN CHARITY 1028641 STATES	BURKE CHAMP... 2427709 1-35	5-67	0	23	2.39	3	11.9	14,040	3.75	526	10	13,207	492	36%	+290	+12
1109390	STATES	1-35	5-67	0	33	2.85	1	33.0	10,109	3.46	350	4	11,127	392	27%	-338	-13
1110826 12-29-49	PIP SIGNAL ROAMER 1035165 STATES	FOBES HAZEL.* 2725850 1-35	5-67		21	3.81	3	15.6	12,174	3.54	431	12	12,216	428	34%	-52	0
1111141 12-10-49	COMET LAO..... 959466 STATES	..... 2565756 1-35	5-67	0	14	3.93	3	10.4	11,961	3.40	407	5	11,975	438	30%	-45	-10
1111788 03-07-50	SIX MILE ROAMER 1041846 STATES	PRIOE BONHEUR.* 2344321 1-35	5-67	0	12	1.33	1	12.0	11,616	3.29	382	5	10,695	359	20%	+132	+2
1111789 02-20-50	SIX MILE ROCADER 1013716 STATES	BONHEUR BURKE* 2432007 1-35	5-67		13	2.15	3	9.4	11,494	3.52	405	8	13,068	468	27%	-433	-17
1111878 06-27-50	LAKE PARK PATRIOT..... 1037179 STATES	..... 2538906 1-35	5-67		12	1.92	1	12.0	11,320	3.51	397	11	10,392	384	22%	+137	+1
1111978 06-02-45	FOREST PENSE GINNY LEIGH..... 854060 STATES	..... 2184191 1-35	5-67		10	2.00	1	10.0	11,478	3.74	429	7	11,034	399	22%	+46	+5
1112216 11-04-49	PABST SIR REGAL 901195 STUD 35-06	TIOY FOBES.... 2584533 STATES	5-67		36	2.47	31	1.3	11,864	3.62	429	12	12,308	444	69%	-378	-12
1112414 07-10-50	FRANLO ROEBUCK 908548 STATES	E8ONY..... 2649592 2-41,45	5-67	24	34	2.12	13	4.9	12,373	3.53	437	11	13,230	468	57%	-494	-18
1112686 12-18-48	COVE CREEK IMPERIAL..... 800245 STATES	..... 2730035 2-23,51	5-67		12	3.58	6	3.6	11,543	3.71	428	7	12,551	476	39%	-424	-18
1113289 03-17-50	RANETT DUNLOGGIN CANARY..... 928352 STATES	..... 2971409 1-35	0-00	0	12	1.83	2	7.5	13,884	3.62	503	3	13,780	490	26%	+38	+3
1113936 12-10-49	ALMENA KING PEARL 1035387 STATES	BURKE..... 2797280 1-35	0-00	0	10	2.60	1	10.0	10,954	3.72	407	4	12,031	433	23%	-275	-6
1114669 07-21-50	PEWAUKEE BURKE 1031017 STATES	JOE..... 2694552 1-35	5-67	0	16	1.94	1	16.0	9,580	3.65	350	8	10,730	385	24%	-338	-10
1116165 05-06-50	MIO-ELM CHEROKEE 991496 STATES	BURKE..... 2766348 2-35,87	5-67	0	19	1.74	2	17.1	11,685	3.73	436	10	11,128	430	25%	+84	0
1116503 08-06-49	HOERTHLAND OEAN 947887 STATES	FOBES BURKE... 2437350 1-35	5-67	0	14	2.79	1	14.0	10,293	3.84	395	5	12,029	439	25%	-457	-11
1117001 STUD 35-18	STATES	3-35,43,64	5-67	0	17	3.88	4	11.7	13,270	4.11	545	8	13,297	491	33%	-10	+18
1117122 05-19-50	DISTINCTION SIR 733213 STATES	COLONY JEWEL.. 2588956 1-35	5-67	0	16	1.44	2	8.5	11,351	3.44	391	6	11,143	384	30%	-3	0
1117211 11-26-49	FORESTLEA CONQUEROR 982247 STATES	FOBES..... 2974015 1-35	5-67	0	27	1.78	3	23.2	11,588	3.49	405	8	11,305	416	27%	+21	-4
1117307 12-10-49	FOBES PIETERTJE 1043856 STATES	CANARY PABST.. 2550692 1-35	0-00		29	2.66	2	15.3	13,814	3.24	447	5	12,580	460	38%	+441	-5
1117570 09-06-49	ASYLUM FOBES 1023401 STATES	BURKE PRIOE..... 2923270 1-35	0-00	0	18	1.72	1	18.0	12,353	3.69	456	11	12,694	474	23%	-94	-4

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO DIFF	
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	MILK	FAT
1117620	FD8ES PA8ST NETHERLANDS	03-12-49	959466 2764725 5-67 STATES 1-35	0	26	5.35	2	17.9	11,636	3.51	408	8	11,589	419	37%	-46	-5
1117622	F08ES PA8ST PONTIAC	01-04-50	901195 2764731 5-67 STATES 1-35	0	15	1.27	1	15.0	10,230	3.68	376	3	10,427	366	21%	-102	0
1118844	JERLAND VISCOUNT KING	03-13-50	823055 3009477 0-00 STATES 1-35	0	11	2.82	1	11.0	11,689	3.58	418	10	10,923	418	24%	+124	-1
1119868	KORNDYKE WAYNE PRIDE	09-17-50	1041846 2994544 0-00 STATES 2-23,35	0	12	1.50	3	8.5	11,996	3.48	417	10	11,652	412	25%	+43	0
1120619	ADMIRAL DRMSBY COMET	08-01-50	1024451 2688651 5-67 STUO 35-01 STATES 4-22,35,55,61	6	32	2.63	23	1.8	12,864	3.48	448	11	12,878	462	65%	-39	-10
1123082	KYLAND ADMIRAL PREMIER	07-28-50	895914 2426466 5-67 STATES 2-35,93		17	2.35	2	15.1	13,133	3.36	441	19	12,234	430	26%	+204	+1
1124104	MARATHON PANSY GOVERNOR	11-12-50	925396 2712217 5-67 STATES 1-35	0	14	1.36	1	14.0	8,907	3.68	328	8	9,402	324	21%	-187	-2
1124344	ELMER BROOK HOMESTEAD MAJOR	07-08-50	1046466 1787076 5-67 STATES 1-35	0	19	2.68	1	19.0	12,571	3.48	437	6	12,298	421	26%	+44	+2
1124674	RODLBROOK FANNY JOE	12-11-49	1077385 3100993 5-67 STATES 1-35	0	16	4.19	1	16.0	10,546	3.72	392	6	10,553	395	27%	-77	-2
1124730	STATES 1-35	5-67		0	24	4.21	1	24.0	11,805	3.56	420	13	13,063	463	29%	-370	-12
1125583	STATES 1-35	5-67		0	15	1.87	1	15.0	9,156	3.60	330	5	10,133	375	23%	-303	-12
1125635	MEISEGEIER MIOVAR	05-14-50	894536 2172241 5-67 STUD 35-07 STATES 3-23,35,41	4	43	2.95	25	2.3	12,757	3.82	487	11	12,895	484	72%	-131	+2
1125640	MACJO DICTATOR CHIEF	03-18-50	967771 2739483 8-62 STATES 1-35	0	10	3.20	2	5.0	13,492	3.46	467	8	13,542	478	32%	-9	-3
1125932	EL MAR POSCH ROAMER-TWIN	09-19-50	859213 2414158 5-67 STATES 1-35		24	3.58	2	17.3	12,586	3.54	446	6	12,958	466	34%	-137	-6
1126535	SUTTEN OAKS VAR MIDNIGHT	11-02-50	879145 2489695 5-67 STATES 1-93		37	1.43	7	16.7	18,413	3.54	652	32	17,117	624	38%	+634	+16
1126704	BROOKSIOE KYBURKE F08ES	08-28-50	1027683 2653896 0-00 STATES 1-35	0	10	1.20	1	10.0	10,848	3.47	376	3	11,290	399	19%	-120	-5
1126845	BARMAN MERCEDES IMPERIAL	10-22-50	1028664 2534088 5-67 STATES 3-32,35,52	0	27	3.00	5	14.1	9,797	3.58	351	12	10,368	368	39%	-340	-10
1127550	RAWLEIGH REVELATION GENTLEMAN	10-03-50	1029693 2205898 5-67 STATES 1-35		38	2.32	4	18.8	13,200	3.61	477	5	13,266	466	40%	-29	+4
1127562	FD8ES 8 F JANE OAVIO	09-22-50	1013495 2035010 5-67 STATES 1-35		14	2.21	1	14.0	10,115	3.53	357	4	11,266	401	24%	-321	-11
1128761	STATES 1-35	5-67		0	22	4.14	1	22.0	12,607	3.71	468	11	12,446	449	29%	+20	+4
1129140	ADMIRAL GIFT 18TH	04-09-50	921293 2191573 5-67 STATES 2-16,35	0	31	2.39	10	6.3	11,447	3.60	412	8	11,989	429	53%	-357	-11
1130152	ANDREAS OUNLOGGIN OLIVER	11-25-50	1052189 3001710 5-67 STATES 1-31		12	2.42	8	1.8	14,881	3.58	532	6	14,278	525	41%	+284	+4
1130361	STATES 2-33,35	5-67		0	27	2.81	3	23.2	15,047	3.77	568	12	13,529	496	30%	+456	+22
1131208	PA8ST WALKER JESS	12-30-50	981360 2973776 5-67 STATES 1-35	0	19	2.53	2	15.4	9,995	3.47	347	9	11,564	394	29%	-504	-15
1132057	HARTHOLM ADMIRAL ANSWER	08-18-50	010208663 010595043 0-00 STATES 1-35	0	11	2.73	1	11.0	10,131	3.29	333	7	11,864	397	23%	-428	-16
1133271	HUFFMAN CREAMELLE INSPIRATION	01-17-51	933204 2893001 5-67 STUO 35-01 STATES 1-35		15	2.80	2	13.1	13,491	3.52	475	12	13,958	493	27%	-108	-4
1133389	ASYLUM BURKE CREAMELLE	09-05-50	1023402 2103209 8-62 STATES 1-35	9	40	2.75	2	38.0	13,476	3.61	487	13	13,203	469	29%	+76	+5
1133393	ASYLUM DRMSBY MERCEDES	07-10-50	1081523 2844484 8-62 STATES 1-35	3	43	2.84	1	43.0	13,682	3.56	487	13	13,406	475	29%	+82	+3
1133898	WIS BURKE IDEAL DOUBLE	02-08-51	1014921 2722519 5-67 STATES 1-35	0	42	3.17	1	42.0	11,066	3.43	380	8	11,743	410	29%	-243	-10

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY			PREO OFF FAT
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY		
1133899	WIS AMBASSADOR.....*	3	88	2.85	55	4.8	12,041	3.55	428	10	13,151	475	79%	-897	-37		
01-16-51	933122	2508775	5-67														
STU0 35-05	STATES	5-22,34,35,41,42															
1133907	TERRA FIRMA REGAL HOMESTEAD...	50	3.06	1	50.0	10,401	3.56	370	14	10,916	387	29%	-222	-7			
07-24-50	901195	2391986	5-67														
	STATES	1-35															
1134208	MEISEGEIER SCOTTY HANNA.....*	0	32	3.00	20	2.2	13,024	3.59	467	11	12,468	467	66%	+306	0		
01-28-51	894536	2768726	5-67														
STU0 35-07	STATES	7-33,35,47,81,83															
1136803	JON-0E BURKE BLEND MASTER.....*	0	17	4.18	3	11.8	14,637	3.85	564	12	14,087	556	33%	+203	+5		
06-21-50	908803	2556427	5-67														
	STATES	1-35															
1137967	GENERAL SUPREME BRANLINE.....	0	10	1.30	1	10.0	9,598	3.73	358	10	10,186	357	19%	-172			
05-03-50	864818	2927717	0-00														
	STATES	1-35															
1138363	GREAT HOME CLYOE LULU BELLE....	0	10	4.60	1	10.0	11,732	3.90	458	10	12,832	469	24%	-278	-2		
10-22-49	895080	2701328	8-62														
	STATES	1-35															
1138403	NARROW BEECHWOOD DAPER.....	0	11	2.36	1	11.0	11,768	3.67	432	3	12,230	441	23%	-130	-2		
07-12-50	1041435	2766698	1-63														
	STATES	1-35															
1138690	BLUE SKY LYONS PIEBE.....	0	16	3.31	1	16.0	11,063	3.38	374	4	11,163	379	25%	-80	-3		
12-19-50	1086058	2906230	5-67														
	STATES	1-35															
1138893	COLANTHA IOEAL HOMESTEAD.....	0	11	3.09	1	11.0	11,867	3.99	473	4	13,391	496	24%	-359	-4		
10-04-50	880210	3327499	0-00														
	STATES	1-35															
1139154	GRAY VIEW PAMIE BURKE.....*	0	13	3.69	1	13.0	15,830	3.48	551	8	16,279	561	25%	-38	0		
10-03-50	895911	2773651	5-67														
	STATES	1-35															
1139205	PRINCE HOMESTEAD CARNATION....	0	14	2.29	2	12.1	11,114	3.82	424	4	12,444	441	26%	-369	-5		
05-24-48	739007	2252273	5-67														
	STATES	1-35															
1139665	SULTAN PIEBE F08ES BURKE.....	15	2.80	1	15.0	11,607	3.46	402	4	12,620	475	25%	-271	-18			
03-13-51	1016018	2646243	5-67														
	STATES	1-35															
1141457	OLIVE FARMS WAYNE PERFECTION..*	0	10	4.70	2	8.2	11,663	3.49	407	14	11,143	405	27%	+80	-1		
08-20-50	1008385	2737721	5-67														
	STATES	1-51															
1142563	OSMAN COMET JOHANNA BURKE.....	0	10	2.50	2	5.2	12,707	3.82	486	11	13,013	483	28%	-94	+1		
02-19-51	1025338	2776001	5-67														
	STATES	1-35															
1142781	CANNIFF ACRES FORES HEILO.....	0	12	3.17	1	12.0	10,026	3.25	326	8	10,303	364	24%	-140	-11		
04-04-51	1049794	2473764	5-67														
	STATES	1-35															
1143843	LOUROSE CARNATION CAP.....	0	12	3.92	1	12.0	13,819	3.46	478	14	12,745	455	26%	+260	+5		
12-19-50	1062363	2725462	0-00														
	STATES	1-35															
1143844	LOUROSE PROGRESSOR PEP.....	0	12	1.58	2	8.6	10,536	3.32	350	7	11,622	405	25%	-311	-15		
03-14-51	1062363	2725463	5-67														
	STATES	1-35															
1144532	OE KOL BUTTER BOY ROAMER.....*	0	12	5.08	1	12.0	12,175	3.47	423	11	12,107	446	26%	-14	-6		
11-14-50	1070261	3038662	5-67														
	STATES	1-35															
1144927	.....*	0	10	3.50	2	8.2	11,197	3.60	403	7	11,967	424	25%	-224	-6	
	STATES	1-35															
1145639	FRANCIS BURKE LAO.....*	0	10	4.70	4	5.2	11,271	3.89	438	7	13,226	466	32%	-635	-9		
01-20-51	908865	2019351	5-67														
	STATES	1-35															
1145666	ORMSBY HOMESTEAD COMET.....	0	12	1.50	1	12.0	12,920	3.56	460	10	12,345	454	21%	+99	+1		
02-17-51	1070036	2917038	5-67														
	STATES	1-35															
1147332	BRANLINE BURKE MERCEDES GENE..	10	3.20	1	10.0	12,410	4.13	513	6	12,971	459	23%	-136	+12			
10-17-50	904819	2596403	5-67														
	STATES	1-35															
1147756	TERRA FIRMA OLLIE SARCASTIC...	0	11	3.45	1	11.0	13,613	3.34	455	7	12,367	429	25%	+286	+5		
11-03-50	1090522	2986707	0-00														
	STATES	1-35															
1147834	ROSE VILLA BEAUTY ROYAL.....	12	2.92	2	10.1	13,439	3.47	466	9	12,839	460	26%	+142	+1			
11-09-50	1025268	3224301	5-67														
	STATES	2-31,35															
1147838	ROSE VILLA ROAMER AOMIRAL.....*	0	13	3.38	5	4.5	13,403	3.36	451	9	13,121	463	38%	+98	-4		
02-27-51	1025268	2780034	5-67														
	STATES	1-35															
1148459	ORMSBY COMET TRITOMIA.....*	0	16	2.31	1	16.0	11,952	3.66	437	12	12,670	450	24%	-191	-3		
03-12-51	1061150	2785560	5-67														
	STATES	1-35															
1149151	MIKE MERCEDES HOMESTEAD.....	13	2.92	2	8.3	10,701	3.75	401	5	11,796	441	30%	-373	-12			
02-04-50	1019280	2918705	5-67														
	STATES	1-35															
1149280	SIR PABST BURKE ORMSBY.....*	0	25	3.04	4	13.0	13,371	3.34	446	8	12,902	465	38%	+162	-7		
06-10-50	878665	2357164	5-67														
	STATES	2-35,57															
1149489	OESOTEL VELOEEN LINDA LEM.....	11	10	1.80	2	5.2	12,853	3.26	419	3	12,587	450	26%	+50	-8		
06-02-51	1009474	2821168	5-67														
	STATES	1-42															

REGISTRATION				INC %	DAUGHTERS		NO OF DAU	EFF / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL		NO	REC /			MILK	%	FAT	HERO	MATE	AVERAGES	FAT	OF SIRE	DIFF	FAT
1170359	.....		5-67		39	2.54	2	19.8	10,165	3.62	368	5	10,768	385	41%	-353	-10
	STATES	1-35															
1171001	CLOVE VALLEY PRINCESS DIRECT..	9	8-65		20	1.85	3	16.3	12,437	3.51	436	2	13,305	496	27%	-238	-15
01-05-52	870736	3025212															
	STATES	1-35															
1171812	RAVENGLN SENATOR OAK.....	0	5-67		13	2.38	1	13.0	11,768	3.43	404	9	11,539	414	23%	+11	-3
07-02-50	913565	2790257															
	STATES	1-35															
1172535	SHADEL BELBURKE PIETE.....	0	5-67		12	1.33	1	12.0	10,705	3.50	375	6	9,746	347	20%	+120	+3
07-15-51	949341	2965152															
	STATES	1-35															
1173051	8ROOK LANE BLACK JULE SUPREME..	0	0-00		18	4.39	1	18.0	10,573	3.60	381	10	11,354	386	27%	-263	-3
01-18-51	1087150	2974540															
	STATES	1-35															
1174173	NOWISCO CREATOR 8 8 PAUL.....	0	0-00		25	3.84	2	23.0	15,456	3.62	559	9	14,733	540	30%	+254	+7
11-09-51	1007444	2261727															
	STATES	1-35															
1174532	ELMER 8ROOK HOMESTEAD PAUL....*	0	5-67		33	2.61	28	1.3	12,268	3.52	432	13	12,745	460	68%	-364	-20
12-01-51	1069792	2665113															
STUD 35-06	STATES	4-33,35,42,55															
1176237	WEHAUSENS 8URKE SEGIS.....	0	8-62		14	3.57	2	12.1	15,128	3.77	570	9	14,103	526	28%	+305	+13
02-13-52	937171	2380112															
	STATES	1-35															
1176397	8URKE MAKIDA.....	0	0-00		17	3.41	1	17.0	13,697	3.44	471	15	14,178	501	25%	-100	-6
10-12-51	1052663	3138445															
	STATES	1-35															
1176777	.....	0	0-00		13	3.69	2	11.1	11,491	4.04	464	5	11,306	426	28%	-5	+9
	STATES	2-23,35															
1176838	.....*	0	5-67		48	3.75	9	20.0	12,551	3.85	483	13	12,718	477	48%	-110	+2
	STATES	5-33,35,55,57,64															
1176839	RANETT DAWN WOODCHUCK.....*	0	5-67		11	5.00	3	4.8	13,011	3.77	491	10	11,893	463	36%	+352	+9
02-02-52	943367	2231625															
	STATES	1-35															
1177246	MAPLEOALE COMMANDER PRINCE....*	0	5-67		12	3.08	1	12.0	11,321	3.							

REGISTRATION					INC %	NO DAUGHTERS	REC / OAU	NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	SULL	MILK						%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
1184560 12-67-51	BECKVALE CHRISTY HELEN.....*	0	16	1.81	1	16.0	12,140	3.55	431	4	11,757	406	24%	+53	+4			
1186860 12-26-51	BRIGHT STAR AOMIRAL ROAMER....*		30	2.93	4	21.1	10,527	3.54	373	13	11,251	384	34%	-317	-6			
1187271 02-17-52	NOWISCO IOEAL PRIOE.....*		10	4.00	2	8.2	13,482	3.60	486	14	12,657	458	26%	+193	+6			
1187368 10-25-51	BRANLINE MASTERSTROKE KING....	0	11	3.64	1	11.0	15,517	3.61	560	8	14,737	543	24%	+217	+5			
1187942 10-03-51	HOL-BART IOEAL LABAN.....*	14	10	3.00	4	5.2	13,174	3.61	475	15	13,223	480	30%	-18	-1			
1189340 09-01-51	SEGIS CANARY INKA LAO.....*	0	12	2.42	2	10.1	12,303	3.74	460	12	12,939	466	26%	-173	-1			
1189940 11-13-51	GREEN NOTCH TONY.....*		10	2.30	1	10.0	14,013	3.66	513	4	14,184	506	22%	-18	+2			
1190426 03-03-52	HABEROALE CANARY COLANTHA BESS	6	138	2.65	62	4.1	12,872	3.77	485	13	13,700	489	87%	-687	-2			
1190799 09-22-52	POBLANOS LYONS OUK.....*	0	24	1.58	4	9.5	16,186	3.34	40	63	14,250	499	38%	+768	+16			
1190951	.....*	0	22	3.05	2	20.0	11,405	3.74	426	8	11,631	424	28%	-111	0		
1190952	.....*		21	1.81	1	21.0	13,537	3.50	474	5	13,627	472	24%	-14	0		
1190953 04-15-52	LANGE RE-CHARITY.....*	2	126	2.86	26	26.6	14,490	3.64	527	17	13,735	484	65%	+515	+28			
1193093 08-17-52	PATHWAY IDEAL PRINCE.....*	0	25	4.20	1	25.0	15,186	3.68	559	3	13,890	490	30%	+402	+21			
1193192 05-25-52	JONESTER FERN S. CARNATION....*	0	12	3.08	4	5.0	11,737	3.75	440	8	12,491	475	33%	-280	-11			
1193360 10-05-52	CLYOE HILL F08ES VERBENA-TWIN.	0	54	3.85	49	1.1	13,371	3.48	465	11	13,069	471	79%	+217	-5			
1193460 01-18-52	WILLCOMM CURTISS CANOY F08ES..*	0	13	2.85	1	13.0	13,805	3.61	498	5	14,064	507	24%	-43	-1			
1194452 02-08-52	FORESTLEA BURKE IOEAL.....*	0	27	3.11	3	19.9	12,235	3.69	451	6	12,644	466	34%	-161	-5			
1194653 09-17-52	ST CROIXCO BURKE FORWARD.....*		25	3.36	1	25.0	11,490	3.87	445	11	12,235	462	28%	-247	-5			
1195201	.....*	0	20	4.00	7	4.5	13,995	3.34	467	18	13,916	502	50%	+67	-16		
1195427 12-24-52	F C A CAMOEAR PA8ST.....*	0	23	2.61	8	8.0	13,038	3.65	476	7	13,339	469	43%	-128	+2			
1196190 08-06-52	TREMC0 RAVEN BURKE SEGIS		15	2.00	3	11.4	10,718	3.39	363	9	10,636	355	27%	-51	0			
1197336 07-27-52	WEIX OELIGHT FRIA TECHNICAL...		11	4.00	1	11.0	16,163	3.79	612	19	14,873	541	24%	+349	+18			
1197437 11-20-51	RIOGELO AORECO PRINCE.....*	7	30	2.07	2	28.0	13,391	3.35	448	4	12,979	437	28%	+104	+2			
1197844	.....*		10	3.20	4	4.2	13,808	3.35	463	20	13,644	483	32%	+62	-6		
1198107 01-03-53	L STABLES MOOEL KING.....*	0	12	1.92	1	12.0	12,190	3.78	461	2	13,878	508	22%	-357	-9			
1198447 12-11-52	OSMAN LAO F08ES WAYNE.....*	0	23	3.09	1	23.0	12,919	3.76	486	7	13,056	508	28%	-45	-4			
1198558 11-16-52	USHUNT JERALO A. 8. H. G. LAO.		14	1.93	2	7.5	11,868	3.52	418	4	11,944	423	30%	-65	-2			
1198590 03-16-52	WAL-CO-FARM OLLIE TRITOMIA OAN		27	2.52	1	27.0	12,233	3.77	461	9	12,484	461	27%	-92	0			
1198813 10-08-52	COOL STREAM KANE BREEZE.....*		20	3.60	1	20.0	13,021	3.70	482	9	13,200	491	28%	-54	-1			

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PRED OIFF	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT
1198959 04-28-52	VERNWAY PATHFINDER STATES	CHUCKMOOR.. 2955532 1-91	5-67		10	1.40	7	1.6	15,431	3.62	558	5	14,073	500	34%	+483	+20
1199917 12-02-52	SHUR-POLL SUPREME STATES	IONE LAO.... 1098318 1-35	1-63		19	2.74	1	19.0	13,585	3.72	506	24	12,979	501	26%	+148	+2
1200723 02-02-53 STUO 51-02	W V U WIN KING STATES	ACE..... 901316 6-23,31,51,52,54	6-67	11	270	2.10	170	2.4	12,820	3.64	467	14	12,478	457	93%	+237	+7
1200726 10-13-52	JON-DE KING STATES	RUBE.....* 1061147 3-21,35,41	5-67		10	2.30	4	4.2	13,426	3.63	488	8	13,673	494	31%	-66	-1
1201288 02-21-52	MAYJO BREEZE STATES	BURKE.....* 1139899 2-23,35	5-67	3	43	4.21	4	19.8	11,692	3.92	458	7	12,354	462	47%	-353	-2
1201290 09-14-52	MAYJO ROAMER STATES	SKYLARK FOBES.... 1148553 1-35	5-67	0	11	3.18	2	5.9	10,578	3.76	398	9	11,881	447	30%	-436	-15
1201328 06-11-52	LILAC HILL CREATOR STATES	..... 1056882 1-35	0-00	0	20	2.65	1	20.0	11,840	3.77	446	2	12,066	422	26%	-92	+5
1201554 STATES	..... 1-35	..... 0-00	0-00	0	13	2.23	2	6.5	11,554	3.52	407	8	12,149	430	31%	-220	-8
1201555 03-01-52	LOUROSE ARROW STATES	LEA OESIGNER.... 1062363 1-35	0-00	0	11	1.64	1	11.0	12,623	3.41	430	9	12,289	441	21%	+48	-2
1201706 STATES	..... 1-35	.....* 5-67	5-67	0	11	4.18	1	11.0	14,158	3.57	505	19	13,128	460	25%	+251	+11
1201958 12-25-52	SIR ROAMER WALKER STATES	ORMSBY..... 969671 1-35	5-67		24	2.29	2	22.0	11,279	3.45	389	10	11,922	422	27%	-214	-10
1201964 03-18-52	CHRISTY HOMESTEAD STATES	BENNET.....* 1141851 1-35	5-67		32	3.41	2	17.0	12,437	3.59	447	9	11,113	397	41%	+449	+17
1202086 03-03-50	BARMAH FOBES STATES	MAN-O-WAR.....* 776127 3-33,35,47	5-67		13	2.46	5	5.4	11,797	3.23	381	19	11,252	394	34%	+114	-7
1202133 11-20-51 STUO 35-02	CHRISTY HOMESTEAD STATES	PRIOR..... 748385 3-23,34,35	5-67	3	97	2.75	80	1.4	12,628	3.60	454	13	13,192	474	86%	-498	-17
1202216 12-08-52	CRESTON TRIUNE STATES	PETE..... 886218 1-34	5-67		11	3.36	1	11.0	12,850	3.49	448	6	12,656	436	25%	+31	+2
1202226 06-03-52	ASYLUM ADMIRAL STATES	LAO..... 1126565 1-35	5-67	0	18	5.00	2	9.1	13,111	3.70	485	25	13,000	467	40%	+30	+6
1202262 01-17-53 STUO 35-04	WISCONSIN MASTER STATES	BURKE.....* 999669 8-14,33,35,61,74	5-67	0	43	2.86	15	17.4	12,856	3.46	445	14	13,524	491	46%	-299	-20
1202291 02-17-53	HILLOCK R A STATES	SWEET ORMSBY JOE.. 1094304 1-35	5-67	0	15	1.60	2	11.5	10,424	3.69	385	5	11,859	432	26%	-403	-12
1202360 01-16-53	KAHL SKOKIE PABST STATES	-TWIN-..... 859213 1-35	5-67	2	48	2.79	1	48.0	14,358	3.56	511	16	13,985	488	30%	+129	+7
1203002 10-21-51	RUSLIN VAR HOESLY STATES	PEORO..... 1056438 1-35	0-00	0	12	2.58	1	12.0	10,890	3.89	424	11	11,281	417	24%	-142	0
1204708 03-14-52	MAKIDA CHAMPION STATES	.....* 1085852 4-35,41,42,52	5-67	0	15	3.47	7	3.1	11,970	3.34	400	8	11,966	425	45%	-59	-13
1204744 10-10-52	HEOGE LAWN PABST STATES	ROAWIN.....* 1109723 4-32,33,35,57	5-67	0	17	4.94	4	11.7	12,635	3.69	466	14	12,473	447	33%	+24	+5
1204748 STUO 35-05	.....* STATES	.....* 5-67	5-67	0	29	2.45	25	1.4	12,160	3.40	413	9	12,731	460	64%	-407	-31
1206025 02-28-53	ELKLAND PRINCE STATES	DICTATOR..... 1088462 1-35	1-63		12	2.83	1	12.0	13,445	3.56	479	14	13,097	467	24%	+77	+2
1207001 12-05-51	DAISY OANDY CURTISS STATES	..... 1054406 1-35	0-00	0	12	4.67	2	10.1	13,699	3.83	525	8	13,092	490	28%	+164	+10
1207212 03-25-53	CHERRYBOLD STATES	REBURKE FOBES..... 1003598 1-35	5-67		16	3.38	1	16.0	13,289	3.63	482	18	13,724	472	26%	-104	+2
1207662 06-06-53	MIKALMAR ORMSBY STATES	FOBES..... 1092809 1-81	5-67		20	1.55	1	20.0	12,283	3.08	378	4	12,163	401	24%	0	-6
1207934 05-10-53	WIS ORMSBY REGENT STATES	.....* 999669 2-35,73	5-67	10	26	2.65	7	7.3	12,789	3.56	455	8	12,867	475	47%	-58	-9
1208362 STATES	..... 1-92	..... 5-67	5-67	0	10	2.10	1	10.0	11,822	3.69	436	4	12,771	468	22%	-221	-6

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED DIFF
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY		
1208370	.....	0-00	0	10	2.20	1	10.0	11,715	3.77	442	2	11,971	449	22%	-84	-1
STATES 1-35																
1208457	ST CROIXCO P J METEOR-TWIN....	0-00	0	21	2.76	1	21.0	11,397	3.42	390	6	11,998	418	27%	-194	-8
12-23-52 984796 3104020 1-35																
1208691	ANGLE LANE TRITOMIA BURKE.....	5-67		20	2.15	2	16.4	14,565	3.48	507	7	15,203	525	29%	-130	-3
09-19-52 943749 3113669 1-35																
1209301	BUENA ROYAL COMET IKE.....	0-00		21	2.05	1	21.0	12,224	3.70	452	6	12,158	424	26%	-13	+6
03-05-53 1049674 2647576 1-35																
1209550	CEN-SEC PROUD MARATHON.....	5-67	13	14	3.29	2	12.1	13,668	3.37	460	9	13,288	471	26%	+98	-2
09-17-52 1119514 3162835 2-31,35																
1210319	ELK RIDGE PETE PET.....	5-67	0	29	3.21	4	16.5	12,765	3.47	443	6	12,247	433	39%	+157	+2
01-02-53 1148275 2771292 1-35																
1210554	LAKE PARK KING BEECHWOOD COMET	5-67		13	2.31	2	11.1	11,130	3.45	384	37	11,664	425	26%	-182	-11
05-31-53 1102694 2806102 1-35																
1210955	CARM CANDY PONTIAC PRILLY.....	5-67	0	15	2.27	2	9.1	10,763	3.45	371	9	10,543	385	31%	-18	-6
02-22-53 1094921 2888474 1-35																
1211179	.....	5-67	0	11	3.82	2	7.7	13,259	3.54	469	12	12,834	463	27%	+102	+1
STATES 1-35																
1211471	BILLY LIEUTENANT PANSY.....	5-67	0	14	2.64	1	14.0	13,552	3.21	435	10	12,153	428	23%	+297	0
09-11-51 1036048 2637438 1-35																
1211712	GOODMAN SCANLANS IDEAL FLOYD..	5-67	0	14	3.14	1	14.0	15,022	3.35	503	10	13,593	482	26%	+381	+5
04-08-53 1088085 3533670 1-35																
1211880	ALAND PAULINE ROAMER.....	5-67	0	19	4.11	1	19.0	11,618	3.41	396	11	12,174	425	28%	-185	-9
03-15-53 1120596 2489822 1-35																
1212010	PANSY PA8ST DEAN WALKER LAD...	5-67	0	16	1.63	3	6.1	11,064	3.61	399	4	12,545	470	34%	-533	-24
03-28-52 981360 2485251 2-35,41																
1212613	8LATTER PA8ST CECILIA BELMONT.	0-00	0	13	3.23	1	13.0	11,499	3.63	417	11	11,077	413	26%	+50	0
09-21-52 1114103 2671659 1-35																
1213460	RICH8ROOK BURKE PRIDE.....	0-00		10	2.60	1	10.0	11,427	3.58	409	6	11,541	427	23%	-68	-5
12-10-52 865323 2555266 1-35																
1213643	KAHL PA8ST BELMONT.....	5-67	0	17	3.47	2	15.1	15,469	3.57	552	18	15,001	547	29%	+181	+3
08-14-53 1173680 3389097 1-35																
1213888	PA8ST WIN BURKE WAYNE.....	5-67	6	36	2.78	1	36.0	12,535	3.51	440	11	12,876	449	29%	-110	-3
06-11-53 1109723 2396438 1-35																
1213905	.....	0-00		11	3.64	1	11.0	12,218	3.31	405	13	13,039	464	24%	-205	-14
STATES 1-35																
1214858	RUBY ACRES ROAMER VALIANT.....	5-67	0	20	2.15	3	16.3	12,398	3.47	430	16	13,161	465	28%	-218	-9
02-09-53 859213 3293713 2-35,57																
1215144	TIDY BURKE CYCLONE CRICKET....	6-67	10	186	1.95	117	5.7	14,274	3.63	518	13	13,976	508	87%	+312	+10
01-03-53 1104364 3210736 1-23																
1215439	PA8ST RECO SENOR.....	5-67	0	43	3.65	1	43.0	12,107	3.63	439	7	12,556	457	30%	-160	-5
07-30-53 859213 2991623 1-35																
1215476	ROCK RIVER ROBERTO.....	5-67		11	2.27	2	9.1	12,359	3.51	434	24	12,545	447	25%	-64	-3
03-04-53 1018994 3301040 1-35																
1215664	ALCAYS WINTERTHUR PRINCE.....	5-67		14	1.07	2	12.1	10,070	3.69	372	6	10,755	398	21%	-200	-6
04-06-52 1005816 2522512 2-11,34																
1215876	JENNITON ROAMER OLLIE.....	5-67		37	2.76	7	13.5	12,008	3.45	414	7	12,157	428	48%	-127	-8
03-09-52 859213 2422395 3-35,42,61																
1215877	JENNITON REGAL.....	5-67	0	34	3.06	8	7.9	13,105	3.66	480	9	13,318	489	54%	-117	-4
11-15-52 901195 2239732 4-31,35,41,42																
1216513	INWOOD PRINCE PRIDE.....	5-67		12	3.92	1	12.0	11,940	3.58	428	5	11,825	433	26%	-9	-2
07-09-53 1115396 2604044 1-35																
1216627	BROOK LANE F08ES JULIAN.....	5-67	0	17	2.76	2	8.5	11,780	3.54	417	8	12,437	447	35%	-263	-11
09-23-52 1145790 3426236 1-35																
1216639	ROSE VILLA SIR ADMIRAL TWIN...	5-67		17	3.53	6	5.4	14,022	3.45	484	12	13,560	470	43%	+208	+5
08-04-52 1054221 2780034 2-35,51																
1216640	ROSE VILLA ADMIRAL B.....	5-67	0	19	2.63	4	7.7	13,837	3.38	467	9	13,810	479	39%	+28	-4
10-17-53 1054221 2780034 1-35																

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL	NO		REC / DAU	MILK			%	FAT	HERMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
1236120 03-18-54	WEIX DELIGHT 1068692 STATES 1-35	ROYAL	FO8ES.....*	6	24	2.92	2	14.0	12,409	3.77	468	9	12,883	478	36%	-189	-3	
1236325 06-22-54 STUD 35-02	PABST RAVEN 909839 STATES 8-21,23,33,34,35	RAG APPLE.....*		5	72	2.81	64	1.2	13,077	3.57	467	15	13,405	482	83%	-266	-12	
1236342 01-07-54	HEERSCH EEMONSTRATOR 1155469 STATES 1-48	JENNER..			27	2.59	2	25.0	11,412	3.44	393	10	11,848	422	29%	-169	-9	
1236559 07-19-54	OISTINCTION PROFILE 1169417 STATES 2-35,42	GRETA.....*		8	40	3.20	5	17.3	13,229	3.82	505	16	13,995	521	46%	-321	-5	
1236721 05-26-53 STUD 93-02	ZIMMERMAN HOMESTEAD 1156775 STATES 2-86,93	ROSTAR - T			34	1.76	5	14.9	18,669	3.53	659	47	16,625	585	41%	+965	+34	
1236789 03-09-54 STUD 35-03	ELMER BROOK ARISTOCRAT.....*			5	403	2.33	171	4.6	15,182	3.62	549	14	14,220	516	95%	+991	+34	
1237666 05-26-54 STUD 35-05	CARNATION FIRST CHOICE.....*			9	598	2.22	294	3.6	13,141	3.68	484	14	13,418	485	97%	-260	0	
1238110 11-01-53	BARMAN ORMSBY 1084337 STATES 1-35	KINGMAKER TWIN..*		0	10	3.00	2	8.2	12,638	3.45	436	19	11,629	425	25%	+212	+1	
1238150 12-05-53	JON-DE KING JEAN.....*			0	21	4.05	3	13.0	14,118	3.60	508	16	13,956	493	36%	+80	+6	
1238492 11-14-50	MOOREHAVEN CARNATION PABST....			0	10	4.60	1	10.0	13,538	3.55	480	9	12,481	457	25%	+244	+5	
1238578 04-27-53	VERAOLOA KING SUPREME.....*			0	10	3.80	2	6.8	14,876	3.44	511	12	13,917	489	28%	+279	+6	
1239176 07-27-54	PABST LEADER PATRICK.....*			10	10	2.70	1	10.0	12,699	3.44	437	15	12,133	431	23%	+103	0	
1240093 07-03-54	CURTISS CANOY REBURKE MISTER..			0	12	2.08	1	12.0	9,396	3.74	351	7	11,253	418	23%	-475	-16	
1240212 05-21-54 STUD 35-02	CHRISTY HOMESTEAD FOREBEARER..*			9	79	2.77	68	1.3	12,803	3.45	442	13	13,122	472	84%	-286	-25	
1240355 10-09-54 STUD 35-75	MEISEGEIER DUN-AFTON.....*			9	320	1.27	187	3.1	13,544	3.75	508	32	14,334	517	93%	-642	-5	
1240740 12-29-53 STUD 91-01	CARYLAND NACHES PONTIAC.....*			12	24	1.33	9	6.5	14,209	3.58	508	12	14,580	530	42%	-104	-7	
1241105 07-07-53	HAMARET REGENT QUEEN VICTORY..				13	2.31	1	13.0	13,301	3.66	487	6	13,848	509	23%	-115	-4	
1241427 10-09-54 STUD 35-75	SRD ADVANCER PRESIDENT.....*			13	90	1.30	52	6.1	14,340	3.79	544	38	14,656	525	73%	-136	+17	
1241600 04-19-54 STUD 93-10	SLEEPY HOLLOW SUPER8 PRIOR....			22	18	1.56	7	4.1	15,472	3.48	539	27	15,604	549	42%	+39	-1	
1241728 10-13-53	FOBES CURTISS CANOY EMPEROR...*				15	3.00	2	13.1	12,389	3.70	458	6	12,749	462	27%	-112	-1	
1241962 02-14-52	VERIBEST SIR COMET WAYNE KING..				15	3.60	2	13.1	13,558	3.90	529	8	13,765	528	28%	-45	+1	
1242351 09-01-54	PABST RAVEN ROBUR.....*			0	10	4.50	2	8.2	11,107	3.61	401	8	11,724	426	28%	-214	-8	
1243118 09-18-54	JON-DE KING OINA JEWEL.....*			0	14	4.00	3	10.4	15,108	3.54	535	6	14,556	523	30%	+203	+5	
1243459 11-15-54 STUD 35-05	PABST LEADER ROYAL.....*			9	79	2.71	55	1.9	12,656	3.48	441	13	12,745	460	83%	-123	-17	
1243841 STATES 1-35	.....*				14	1.43	1	14.0	10,328	3.36	347	4	11,090	389	22%	-212	-10
1244009 11-17-54 STUD 35-75	LAVACRES VAR PEPPER.....*			8	418	1.02	263	2.5	15,373	3.50	538	37	14,777	533	95%	+697	+9	
1244199 07-29-54	MAYERS GOMAR TRANSMITTER.....			0	25	1.56	1	25.0	13,213	3.41	450	4	12,471	430	25%	+161	+4	
1244300 12-04-54	WIS BURKE RAVEN COUNT.....*			0	10	3.60	1	10.0	14,565	3.33	485	16	14,628	513	24%	+15	-5	
1244341 06-14-53	GENKAT VEEMAN ARCH MOOIE.....				11	2.09	1	11.0	10,370	3.60	373	3	11,294	415	23%	-254	-10	

HOLSTEIN

90

REGISTRATION					DAUGHTERS			EFF			DAUGHTER			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	INC	NO	REC / DAU	NO OF HEROS	EAU / HERD	MILK	AVERAGES %	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
1244526 01-09-55	KAHL PA8ST LEA0ER.....*		915940 3471982 5-67 STATES 2-35,65	6	19	3.00	3	15.3	13,965	3.59	501	20	15,397	556	30%	-366	-13		
1244538 01-19-54	CHRISTY HOMESTEAD APOLLO.....		1061768 3108971 0-00 STATES 1-35	0	13	3.69	1	13.0	14,347	3.40	488	23	14,355	501	26%	+24	-2		
1244543	.....*		5-67 STATES 2-23,35	0	18	2.11	4	9.0	15,230	3.32	505	7	14,477	520	34%	+298	-3	
1244561 12-14-54	CHRISTY HOMESTEAD APOSTLE.....		1202133 3655348 5-67 STATES 1-35	5	21	2.24	2	11.6	10,498	3.52	370	12	11,493	410	34%	-399	-15		
1245206 11-20-54	GENE ACRES COMMANDER.....		1074603 2749457 5-67 STATES 1-35		15	2.33	2	13.1	12,655	3.34	423	14	13,337	454	26%	-177	-8		
1245272 10-21-54	CYLON COMET PRAIRIE.....		1025338 3646497 5-67 STATES 1-35	0	11	4.09	1	11.0	11,191	3.57	400	9	12,554	464	26%	-368	-16		
1245593 11-22-54	ROSE O SHARON GOLDEN STAR -TWI*		1121353 3474030 5-67 STATES 1-35	0	36	3.83	5	16.4	12,388	3.54	439	9	12,398	437	45%	-47	0		
1245666	.....*		0-00 STATES 1-35		11	3.27	1	11.0	11,807	3.52	416	15	12,031	431	24%	-86	-4	
1246258 01-04-55	SEGIS SKYLINE CURTISS CANOY...		1056882 3674205 8-63 STATES 2-14,35	5	23	3.48	2	21.0	14,032	3.88	545	8	14,367	517	30%	-68	+9		
1246284 12-02-54	OUANE ROYAL COMET BURKE.....*		1049574 3162977 5-67 STATES 1-35	0	10	3.30	2	8.2	12,430	3.63	451	15	13,394	501	25%	-241	-11		
1246685 07-17-54	RANETT OAWN SUPERIOR.....*		943367 3135196 5-67 STATES 1-35	0	34	2.71	7	11.8	11,841	4.21	498	9	12,806	481	47%	-479	+8		
1247008 09-23-54 STUO 41-01	ALBRECHT TRADEMARK BURKE LAO..	13	1195221 3243903 6-67 STATES 5-41,42,45,46,95	246	1.40	158	6.1	13,055	3.71	484	11	13,449	480	88%	-339	+3			
1247414 09-29-54	NOWISCO JESS LEA0ER.....*		1173438 3410258 5-67 STATES 1-35	0	13	5.15	3	4.6	12,111	3.69	447	13	12,378	439	40%	-146	+1		
1247474 12-08-54	MOORE HAVEN CARNATION PA8ST 20	0	1238492 3105995 1-63 STATES 1-35	41	3.27	1	41.0	12,234	3.62	443	9	13,126	478	30%	-272	-10			
1247663 08-28-54	WIS JUNIOR CHIEF BURKE.....	5	1180791 3187030 0-00 STATES 1-35	28	3.50	2	24.2	12,508	3.93	491	6	12,728	490	31%	-88	0			
1248276	.....*	13	5-67 STATES 1-35	11	2.82	1	11.0	10,946	3.59	393	13	11,806	426	24%	-240	-8		
1248719	.....*	0	5-67 STATES 1-35	13	3.08	1	13.0	11,421	3.57	408	8	12,775	448	25%	-351	-10		
1249178 10-05-54	SIR ROAMER PA8ST 8ELVALE.....	0	859213 3586939 5-67 STATES 1-35	23	1.91	4	12.3	12,597	3.42	431	12	12,412	438	35%	+31	-3			
1249453 01-02-55	PA8ST ROAMER RAVEN KING.....*	6	859213 3618157 5-67 STATES 1-35	40	2.98	4	32.5	12,181	3.53	430	13	12,603	438	33%	-165	-3			
1249795 11-13-54 STUO 35-05	CARNATION MA0CAP MAGISTRATE...*	12	1152252 3339580 6-67 STATES 15-33,35,41,42,91	1,063	1.77	432	4.5	13,608	3.53	481	14	13,792	499	98%	-136	-15			
1250017 11-02-54	M1OLANE IMPERIAL 8ELL 80Y.....	0	1023039 3482344 8-63 STATES 1-35	16	2.06	1	16.0	10,543	3.80	401	9	11,474	412	25%	-273	-4			
1251126	.....*		0-00 STATES 1-35		13	1.38	1	13.0	11,749	3.54	416	17	11,539	422	21%	+6	-2	
1251309 10-17-53	JOHANNA VEEDITION.....		1121437 3152695 5-67 STATES 1-35		10	2.30	2	5.8	10,526	3.45	363	6	11,395	417	28%	-302	-16		
1251379 01-08-55	SEGIS CRUSA0ER MERCE0ES.....*	0	1014925 2862874 5-67 STATES 1-35	11	4.64	1	11.0	10,765	3.54	381	10	12,180	421	25%	-388	-11			
1251484 01-10-55	VIGO RAVEN PETE.....*	0	909839 3103540 5-67 STATES 1-35	20	3.55	2	12.5	12,480	3.72	464	9	13,198	470	36%	-260	-2			
1252140 04-04-55	0ISTINCTION SWEETHEART PROFILE	0	1169417 3260048 8-62 STATES 1-35	10	3.60	1	10.0	14,126	3.56	503	7	13,907	511	24%	+67	0			
1252142 04-01-55 STUO 35-21	0ISTINCTION LA00IE COLONY.....	11	1091010 2839166 6-67 STATES 7-21,22,34,35,52	385	1.76	225	2.6	14,159	3.58	507	15	13,832	505	95%	+356	+4			
1252665 01-26-53	SIR PA8ST REBURKE F08ES.....	0	1003598 3206687 5-67 STATES 1-35	36	3.06	3	22.0	10,578	4.00	423	4	11,954	442	38%	-578	-8			
1252985 12-25-54 STUO 33-03	THONYMA 0RMS8Y SENATOR.....*	8	1196645 3417595 6-67 STATES 27-33,35,61,84,86	190	1.38	107	11.7	13,459	3.52	474	23	14,752	531	80%	-925	-41			

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	DF	8 U L L	NO		REC / DAU	MILK			%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
1254071 03-16-54	ELMWOOD 8 L 1074603 STATES	COMMANDER 3085373 1-35	AAGGIE.. 0-00	0	15	3.80	1	15.0	11,125	3.25	362	17	11,697	413	26%	-194	-14	
1254599 10-03-54	IVA-NAN GRAND 1115946 STATES	ROYAL..... 3268994 1-35	5-67	0	18	3.67	1	18.0	14,695	3.61	531	6	13,411	482	28%	+361	+14	
1255227	.....	.....	5-67		17	1.82	2	9.2	11,040	3.61	399	5	11,044	397	32%	-74	-1
	STATES	1-13																
1255751 03-12-55	VANLURE RU8Y 1111076 STATES	DESIGN.....* 2285167 1-21	5-67	11	26	3.54	2	22.3	12,432	3.36	418	15	13,509	469	32%	-333	-16	
1255884 04-09-55	SIR COMET PA8ST 915940 STATES	LEADER..... 3341198 1-35	5-67	0	14	1.14	1	14.0	13,611	3.51	478	5	13,771	489	20%	-23	-1	
1256233 11-23-53	FRASEA NETHERLAND 010153547 STUD 93-10	SPITFIRE.... 010543922 STATES	5-67	19	60	1.53	22	7.0	15,517	3.53	548	35	15,983	561	65%	-130	-3	
1256487	.....	.....	5-67		12	1.00	1	12.0	13,168	3.49	460	8	12,343	437	19%	+135	+3
	STATES	1-35																
1256542 10-15-54	VERADELDA ORMS8Y 1234023 STATES	PARADER..... 2739993 1-35	5-67	0	20	2.70	2	12.5	14,344	3.74	536	4	14,044	496	34%	+125	+14	
1256777 05-21-55	LAVACRES DUSTY 1117035 STUD 93-10	FD MARS..... 2581816 STATES	5-67		28	1.29	11	2.9	15,472	3.65	565	35	15,580	550	54%	+62	+12	
1256872	.....	.....	0-00		12	1.25	1	12.0	11,088	3.81	423	17	11,399	450	20%	-99	-5
	STATES	1-52																
1256928 04-29-55	PA8ST CYCLONE 1215958 STATES	F08ES..... 2276219 1-35	5-67	0	18	2.89	2	14.4	13,495	3.65	493	15	13,438	476	31%	+20	+5	
1256939	.....	.....	0-00	0	11	3.18	1	11.0	14,050	3.62	509	11	14,416	526	25%	-63	-2
	STATES	1-35																
1257240 07-23-54	KAYTEE ARISTOCRAT 1083738 STUD 61-02	F08ES.....* 2851794 STATES	6-67	11	83	1.77	48	4.9	13,922	3.61	503	15	14,299	517	75%	-212	-7	
1257580 05-16-55	ANKER D8URKE 1147323 STATES	MANNY..... 2547865 1-35	5-67		15	2.60	1	15.0	12,244	3.85	472	13	12,991	469	25%	-195	0	
1257848 09-27-54	WAUPUN CRUSADER 1130016 STATES	SUPREME.....* 2739451 2-22,35	5-67	0	14	2.64	4	4.4	10,843	3.43	372	19	12,629	454	39%	-728	-32	
1257851 11-01-54	WEST-VILLA HOMESTEAD 1076122 STATES	CHRISTY.. 3458442 1-35	2-65		15	1.80	1	15.0	15,782	3.38	534	9	14,981	531	23%	+220	+2	
1258512	.....	.....	5-67	7	15	1.33	3	7.1	12,527	3.84	481	4	13,925	538	30%	-401	-15
	STATES	1-35																
1258568 02-19-54	MAKIDA ALBERTA 1085852 STATES	PRINCE LAD..... 3176446 1-35	0-00	0	11	2.73	1	11.0	15,113	3.51	530	12	15,792	586	24%	-102	-10	
1258637 09-10-54	FAYR-LICK ORMS8Y 1171609 STATES	LOCHINVAR....* 2589623 2-31,35	5-67		23	2.22	2	21.0	12,805	3.37	431	8	14,849	510	28%	-522	-20	
1258737 05-11-54	BRIGHT STAR 1160442 STATES	JUDGE..... 2492009 1-35	5-67	8	13	4.38	1	13.0	13,461	3.64	490	5	12,834	468	26%	+151	+5	
1258974 11-11-54	FOREST8DLO VALE 1208679 STATES	VICTDR.....* 3330845 1-35	5-67	0	18	3.50	1	18.0	11,694	3.52	412	7	11,800	421	27%	-70	-3	
1259863 01-28-55	WILLARDS HALL 954991 STATES	RDSE CYCLCNE....* 3643846 4-23,33,35,42	5-67	0	23	2.30	6	10.4	12,804	3.58	458	14	13,592	487	39%	-295	-10	
1260039 03-01-55	LDURDSE CARNATIDN 1209512 STATES	PROGRESSDR..* 3674553 1-35	5-67	8	26	2.92	1	26.0	11,671	3.51	410	18	12,115	432	28%	-157	-7	
1260275 11-54-54	ORMS8Y CRESCENT 949156 STATES	ECHO..... 3471421 1-35	5-67		10	3.30	1	10.0	13,453	3.40	457	10	13,784	482	24%	-67	-5	
1260781 07-28-55	LAKE PARKE 8URKE 1204296 STATES	ARISTOCRAT... 2839548 1-35	5-67	0	15	2.93	1	15.0	13,070	3.52	460	62	12,200	440	26%	+194	+4	
1261108	.....	.....	0-00		14	1.71	3	7.8	15,257	3.78	577	11	15,752	574	29%	-73	+3
	STATES	1-82																
1261294 09-23-54	STEEL-BILT OELLA 1190252 STATES	KING..... 3626694 1-35	0-00	0	17	2.47	1	17.0	10,406	3.66	381	12	10,650	366	25%	-130	+1	
1261324 01-13-55	OYER LAKE SOVEREIGN 1146820 STATES	HEILO.....* 3409745 1-35	5-67	0	20	2.70	2	10.9	13,082	3.59	470	8	12,990	478	35%	+20	-2	
1261561 10-09-54	MAPLE OALE COMMANDER 1074603 STATES	JULE..... 2538417 1-35	5-67	0	13	2.23	1	13.0	14,445	3.36	486	13	13,984	495	23%	+121	-1	

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF BULL		NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES	FAT	OF SIRE SUMMARY	
1261601 04-12-55	OOLVIC CURTISS 1056882 STATES	ORMS8Y F08ES... 3505773 1-35	5-67	0	22	2.64	4	7.9	14,506	3.83	555	11	14,639	543	43%	-1	+7
1261636 11-20-54	SEQUOIA VAR 879145 STATES	PRINCE.....* 2935818 1-93	5-67		13	1.08	1	13.0	13,297	3.48	463	44	13,811	505	19%	-90	-7
1261743 10-07-54 STUO 23-11	8IG ROCK 955619 STATES	ORMS8Y TRIUNE.....* 3665883 2-21,23	6-67	6	155	1.48	100	6.0	14,072	3.97	559	16	14,628	551	83%	-355	+12
1261857 12-28-54 STUO 35-75	ZIMMERMAN 1080016 STATES	ALSTAR PILOT.....* 3896921 9-21,23,31,51,84	6-67	10	147	2.08	43	8.8	16,274	3.88	632	13	15,474	594	81%	+820	+39
1262065 09-18-55 STUO 35-01	CRESTHAVEN VAR 1192826 STATES	ROAMER..... 3367238 1-35	5-67	0	17	2.53	3	11.8	13,743	3.30	453	5	13,812	496	30%	-6	-12
1262442 01-08-55 STUO 93-03	EILLOC THE CROWN 1212056 STATES	PRINCE..... 3372154 1-93	6-67	16	39	2.38	5	16.4	15,339	3.64	559	164	15,762	568	44%	-79	0
1262796 11-27-54	COOKS VALLEY 925394 STATES	CARNATION MAXIMUM 3100948 1-35	3-64		12	1.58	1	12.0	13,531	3.51	475	8	13,696	490	21%	-26	-2
1263890 05-12-55	NOWISCO MAKIOA 1085852 STATES	CLIPPER..... 3483210 1-35	5-67	9	14	3.14	3	6.4	11,026	3.41	376	13	12,327	446	36%	-502	-26
1263932 11-01-55	PALTZER LASHBROOK 1214640 STATES	ORMS8Y F08ES 3229473 1-35	3-64	0	17	3.29	1	17.0	12,428	3.91	486	13	13,131	498	27%	-198	-2
1264919 08-24-53	LEWAJOHN ROTAG 1117059 STATES	PA8ST.....* 2599058 1-35	5-67	0	14	3.79	2	12.1	12,848	3.49	449	14	12,328	448	28%	+117	0
1265107 03-10-55	MIOLANE IMPERIAL 1023039 STATES	ARTIS.....* 3380992 2-23,35	5-67		17	2.29	4	9.1	12,634	3.73	471	22	12,217	460	34%	+102	+3
1265155 10-31-55	ROCK VALLEY 1159158 STATES	PA8ST SEGIS 80Y... 3361848 1-35	5-67		20	1.90	1	20.0	10,894	3.57	389	8	10,193	377	25%	+95	0
1265166 11-25-55 STUO 35-21	ROCK RIVER COUNT.....* 1216567 STATES	18-23,33,34,35,42 2891773 6-67	5-67	14	957	1.48	458	3.2	13,150	3.76	495	15	13,799	503	98%	-589	-5
1265563 10-12-55	DIANA MASTERPIECE 1080157 STATES	8IG 80Y.....* 3081832 1-35	5-67	0	15	3.73	1	15.0	14,494	3.39	492	12	13,950	497	26%	+159	0
1265663 10-31-55	OYER LAKE 1144918 STATES	CARNATION BURKE.....* 2985737 1-35	5-67	0	11	3.18	2	5.5	12,777	3.78	483	8	13,427	488	32%	-204	-1
1265694 02-23-55 STUO 35-21	GLENELG HONEYMAN 1210938 STATES	DOON..... 3326003 9-33,41,42,43,47	6-67	11	253	1.60	141	5.5	14,219	3.47	494	19	13,496	488	90%	+660	+5
1266352 01-09-55	PACIFIC SLOPE 1032011 STATES	0 8 KEN.....* 2936419 1-86	5-67		23	1.43	1	23.0	14,720	3.61	532	21	14,016	522	24%	+182	+3
1266508 07-16-55	COLO SPRING 1068871 STATES	IOEAL RUSTIC..... 3017230 1-35	5-67		11	3.00	1	11.0	15,481	3.46	535	20	13,731	496	25%	+440	+10
1266681 11-01-55	VERPANA FARM 915940 STATES	MONITOR.....* 2683242 1-35	5-67	0	21	3.10	1	21.0	15,238	3.34	509	22	14,335	507	28%	+276	+1
1267108 11-16-55	OISTINCTION 1169417 STATES	COLONY PROFILE.... 3065464 1-35	5-67	3	43	2.35	4	16.3	12,982	3.64	472	13	13,105	470	46%	-66	0
1267543 11-19-55	WIS MERCURY - 933122 STATES	TWIN..... 2746589 1-35	2-65	0	14	2.57	1	14.0	13,632	3.51	479	20	13,595	483	25%	+15	0
1268015 07-07-53	KING ROCK 929716 STATES	F08ES JULE..... 3158731 2-86,93	5-67	0	13	1.31	2	11.1	14,280	3.45	493	39	14,265	509	22%	+23	-2
1268018 08-28-55	VICKERY VALE 1198394 STATES	F08ES KING JULE..* 4127489 2-86,93	5-67		15	1.13	3	11.4	14,323	3.49	500	49	13,361	481	24%	+227	+4
1268164 01-02-56 STUO 51-02	KAHL TRIUNE 915940 STATES	LEAOR.....* 2976376 10-23,35,51,52,54	6-67	9	184	1.38	117	2.4	13,328	3.68	491	15	13,582	500	89%	-205	-6
1268301 08-23-55	PRINCE AAGGIE 1214665 STATES	SKOKIE..... 3806561 2-41,64	5-67		17	2.12	2	15.1	14,460	3.81	551	8	14,276	512	26%	+70	+11
1268334 11-11-55	BURKE COMMANDER 1006831 STATES	F08ES..... 2857770 1-35	5-67		22	3.23	1	22.0	13,531	3.72	504	4	13,322	474	28%	+58	+8
1268455 09-19-55	VALLEYENO PRILLY 1159545 STATES	VISCOUNT..... 3228623 1-35	8-63	12	17	3.47	1	17.0	12,566	3.25	409	7	12,902	434	27%	-103	-7
1268530 12-06-55	CRESCENT BEAUTY 1206641 STATES	GOLD STAR.....* 3441545 1-35	5-67	15	14	3.14	2	12.1	12,899	3.41	440	22	13,088	457	27%	-57	-4
1268978 11-13-54	SHAOEL IOEAL 1203368 STATES	RENOWN INKA..... 2723559 1-35	5-67	13	14	1.93	1	14.0	17,270	3.34	576	12	15,663	557	23%	+419	+6

REGISTRATION			INC %	DAUGHTERS NO	REC / OAU	NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	AVERAGES		REPEATABILITY OF SIRE SUMMARY	PREO DIFF	
NUMBER	NAME	OF BULL						MILK	%	FAT		MILK	FAT		MILK	FAT
1269453 12-22-55	CHIP BELVALE 915940 STATES	LEADER PABST..... 3586940 1-35	0	25	3.48	1	25.0	12,624	3.45	435	16	13,193	457	29%	-170	-6
1269459 09-07-55 STUO 35-21	SKOKIE GOLOEN 1079736 STATES	LEADER.....* 2724579 4-34,35,48,73	12	131	1.81	73	15.7	13,607	3.63	494	13	14,462	511	71%	-525	-9
1269479 01-23-56 STUO 35-21	ROCK RIVER MASTER 1216567 STATES	GEWINA.....* 3160755 8-23,33,34,35,48	9	473	1.87	295	2.2	13,573	3.80	516	14	13,624	495	96%	-22	+21
1269886 11-27-55	L STABLES VAR 1100411 STATES	8AXTER..... 3025635 1-35	11	24	3.33	1	24.0	13,158	3.99	525	7	13,321	532	28%	-46	0
1270217 11-03-55	PABST CYCLONE 1215958 STATES	ROGAL 8ET.....* 3711476 2-23,35	10	31	2.32	3	16.8	14,790	3.50	517	44	13,562	501	38%	+468	+7
1270416 09-08-54	BRIGHT STAR JERRY 1028279 STATES	REGAL..... 2771066 1-35	0	10	4.90	1	10.0	12,316	3.51	432	6	12,596	431	25%	-88	0
1270584 01-15-56	ELMOKA DIRECTOR SAM 933248 STATES	3525188 1-35	0	21	3.52	1	21.0	11,325	3.58	405	4	11,050	406	28%	+12	-2
1270586 08-06-55	ELMOKA MELLOW 1010660 STATES	MILO..... 3513388 1-35		15	2.47	2	13.1	15,883	3.62	575	12	14,262	554	26%	+450	+7
1270680 06-05-54	MEISEGEIER GINGER 1157409 STATES	8EACON.....* 3084056 2-33,35	9	17	4.06	2	15.1	12,029	3.80	457	11	12,400	461	29%	-134	-1
1270712 12-14-55	CHERRYBOLO POSCH 1197531 STATES	TOPPER.....* 3062309 4-35,46,51,63	0	34	3.29	11	17.2	13,281	3.54	470	8	13,510	480	42%	-88	-3
1270799 12-19-55	GENE ACRES PROUD 1119514 STATES	OEAN..... 2740241 2-16,35	0	28	1.71	3	17.0	12,234	3.25	398	13	11,580	416	34%	+161	-7
1270830 07-02-55 STUO 31-01	SHANGHIGH DOUBLE 1090258 STATES	EXEC TOPPER...* 3461680 3-31,74,84	3	42	1.33	29	2.3	14,356	3.66	525	19	14,723	539	65%	-149	-5
1270932 02-12-56 STUO 21-10	W & G O-M LUCIFER 769170 STATES	OEAN LINCOLN* 2958974 3-13,21,23	6	140	2.36	127	1.2	14,703	3.52	517	20	14,642	522	90%	+170	0
1271075 11-26-55 STUD 35-75	ORMS8Y HEUERS 1255986 STATES	DUKE..... 3395021 19-41,58,82,91,93	5	396	1.17	154	14.0	15,977	3.61	577	73	14,880	537	88%	+1094	+39
1271079	.....*	5-67		10	3.10	1	10.0	10,974	3.53	387	10	11,574	422	24%	-183	-9
	STATES	1-35														
1271146 01-02-56	MERIWETHER LEADER 915940 STATES	KARL.....* 3130764 1-35	0	14	2.14	1	14.0	14,637	3.59	526	3	14,140	509	24%	+137	+5
1271387 12-28-53	KING WAYNE BURKE 1031027 STATES	F08ES.....* 2792070 2-35,41	0	11	2.91	3	7.5	13,498	3.82	516	11	14,791	558	28%	-317	-9
1271417 02-18-55	IMPERIAL IRENE 1028664 STATES	QUALITY 80Y....* 3298872 1-35	0	12	3.08	1	12.0	11,073	3.30	365	13	10,963	377	25%	-31	-5
1271557 01-30-56 STUO 35-75	SRO ADVANCER THREE 1203158 STATES	.....* 3872416 4-41,72,74,93		36	2.06	6	25.2	15,929	3.50	557	49	14,936	542	33%	+384	+7
1271767 11-18-55	MARLANE TOVARICH 1212920 STATES	RAVENGLN.... 2790257 1-35	0	21	3.10	2	19.0	11,488	3.57	410	10	11,970	432	29%	-177	-7
1271844 08-21-52	GREEN MEADOW 1008926 STATES	VALES8URKE EOWIN. 2892262 1-86		21	2.67	1	21.0	16,772	3.31	555	5	17,639	592	27%	-116	-6
1271933 11-19-55	MATZKE WINTERTHUR 1175543 STATES	LARRY..... 2830062 1-35	8	14	3.07	2	9.2	12,615	3.49	440	21	12,381	445	31%	+43	-2
1272132	.....*	5-67		28	3.32	5	20.7	12,359	3.48	430	59	12,491	455	34%	-74	-9
	STATES	3-35,51,61														
1272440 12-24-54	ALCARTRA RAG 1164329 STATES	APPLE SOVEREIGN.. 3638843 1-31		12	1.17	2	8.6	10,873	3.57	388	5	12,437	436	23%	-380	-11
1272608 12-16-55	ELOONON MAESTRO 1224078 STATES	WILL.....* 3678271 1-35	5	24	3.50	3	18.5	10,859	3.28	356	17	11,437	405	33%	-255	-18
1273365 06-04-55	MAYERS SENSATION 1171327 STATES	SEGIS.....* 2793368 1-35	0	14	3.79	2	12.1	11,910	3.54	422	6	13,395	479	28%	-412	-15
1273435 03-02-55	CORRECTION ABBEKERK 1197721 STATES	HERO..... 3580069 1-35	0	27	3.37	1	27.0	11,737	3.62	425	5	12,036	431	29%	-124	-2
1274166 01-22-56	CLIFFSONEO DICTATOR 1206025 STATES	OE KOL.... 3242790 1-63	0	15	3.80	1	15.0	13,393	3.64	487	13	13,553	473	27%	-37	+3
1274655 11-15-55	HAZEL BUSH INVINCIBLE 1056882 STATES	MAJOR -T 2617239 1-63	0	26	2.92	1	26.0	13,311	3.93	523	26	13,035	495	28%	+69	+8

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT	NO	MILK	FAT	OF SIRE SUMMARY	MILK	FAT
1274657 10-10-55 STUD 41-25	HAZEL	BUSH CRESCENT	REVLON... 949159 3329393 1-35	7	47	2.85	1	47.0	15,287	3.63	555	7	13,926	529	30%	+423	+9
1274734 03-17-55	SPRING COVE	DICTATOR CHIEF... 988614 3415780 1-35	0	22	1.68	1	22.0	11,282	3.66	413	5	11,451	417	25%	-87	-2	
1274838 12-27-55 STUD 35-03	KAYTEE RAG APPLE	SENSATION... 1024453 2177529 3-21,35,91	7	70	1.94	52	1.6	15,124	3.54	536	15	14,482	524	80%	+604	+13	
1274870 01-14-56	CHERRYBOLD	POSCH CLAUDE... 1197531 2862418 1-35	8	16	2.44	1	16.0	13,787	3.52	485	6	12,721	481	26%	+256	+1	
1275038 10-28-55	BURKE	8 F RETURN FISHER... 1197956 2808617 1-35	0	13	2.23	2	11.1	12,280	3.81	468	8	13,203	510	26%	-238	-9	
1275173 02-07-55	8ARMAH HENGVELD	AAGG1E... 1222223 3298893 2-32,35	7	20	3.00	2	18.1	10,917	3.42	373	15	11,401	395	29%	-194	-8	
1275215 03-31-56	OAKMULGEE OINA	JUDGE JERRY... 1189014 3009909 1-52	8	22	1.45	1	22.0	13,940	3.64	508	11	13,198	470	23%	+168	+8	
1275240 06-09-55	MIL-NOR INKA	BINGO... 1197315 2796932 2-35,74		10	1.70	3	5.4	12,979	3.58	465	12	13,220	470	27%	-68	-1	
1275408 10-04-55	JON-DE GEORGE	REBELER... 1216958 3342593 1-35	14	33	1.97	2	16.5	13,347	3.69	492	7	13,716	518	39%	-128	-8	
1275410 07-24-55	JON-DE LEARENE	... 915940 3701174 1-35	7	31	3.29	4	15.5	13,214	3.72	491	9	13,353	492	42%	-57	0	
1275412 08-03-55	JON-DE RAVEN	JULE - TWIN... 909839 2971512 1-35		10	2.60	3	5.4	13,846	3.73	517	10	14,646	533	30%	-201	-2	
1275683 02-23-56	MARINETTE	REBURKE ORMSBY... 1182713 2749286 1-35	7	16	2.81	1	16.0	13,359	3.38	452	20	13,738	479	26%	-87	-6	
1275845 03-02-55	FUTURE HOPE	ROAMER DUKE... 1070261 3074541 1-35	5	47	2.70	4	39.4	13,768	3.41	470	17	13,463	475	32%	+100	-1	
1276118 09-11-55	GILLISCREST	TOPSY ROBURKE... 1024453 3116080 1-35	0	27	3.19	2	17.6	12,042	4.18	503	10	12,520	481	36%	-200	+8	
1276535 12-09-55	LILAC	HILL ROYAL LAO... 1154150 2711356 4-32,33,35,41		12	1.33	5	4.6	13,582	3.64	495	29	14,451	518	30%	-225	-5	
1276960 04-11-56	WIS MASTER LEADER	... 999669 3574893 1-35	7	19	2.53	2	9.7	12,629	3.34	422	12	12,331	440	36%	+70	-7	
1277484 04-22-56	MEISEGEIER REX	CONRAO... 1056437 3000261 1-35	5	23	3.22	2	21.0	12,811	4.14	530	7	12,646	501	30%	+28	+9	
1277644 10-20-55	OIC BURKE	ADMIRAL... 988614 3470435 1-35	10	48	2.40	1	48.0	13,956	3.68	514	7	13,370	510	29%	+169	+2	
1277653 11-18-55 STUD 35-75	CHAIRALANE R. A.	TRANSMITTER... 1024453 2909445 14-21,35,41,91,93	8	100	1.81	55	5.6	14,342	3.71	532	36	14,162	528	78%	+202	+6	
1277833 02-01-56	COMET	JEAN KING... 1238150 2961599 1-35	0	16	3.38	1	16.0	14,038	3.59	504	6	13,703	483	26%	+97	+5	
1277888 09-03-55	BLOOMER PA8ST	BURKE LAO... 1197270 3488634 1-35	0	29	4.14	2	25.2	14,468	3.56	515	9	13,739	499	33%	+250	+6	
1277987 01-09-56	APPLE LAWN	MADCAP DUKE... 1132993 3686363 1-35		11	3.18	1	11.0	9,282	3.96	368	3	11,000	392	25%	-489	-7	
1278054 02-10-56	NOWISCO	PROGRESSOR BUO... 1085852 2864587 1-35		21	2.90	1	21.0	14,863	3.18	473	9	14,100	493	27%	+228	-4	
1279159 05-29-56	WIS OYNAMO	80Y - TWIN... 1192327 3465723 1-35		13	1.69	1	13.0	13,383	3.56	477	19	12,758	461	22%	+125	+3	
1279190 11-26-54 STUD 91-11	WILLARDS	HOMESTEAD REVELATION... 1001768 3265865 6-23,33,35,42,72	4	99	2.82	17	45.4	13,048	3.55	463	15	13,424	470	48%	-176	-3	
1279593 01-02-56	SUNNYSIDE	PRINCE AVALANCHE... 1192325 3534043 1-35	22	15	2.53	6	5.0	13,850	3.62	501	11	14,246	505	39%	-118	0	
1279641 01-22-56 STUD 35-03	CARNATION	MAOCAP INTRIGER... 1152252 3700611 14-33,34,35,63,91	5	472	2.62	220	4.1	14,058	3.50	492	15	13,820	500	96%	+272	-5	
1279868 02-06-56 STUD 72-01	HOWACRES	HOMESTEAD 8ARON... 1038118 3277789 8-11,13,14,35,72	5	85	1.88	35	8.2	15,787	3.67	580	19	14,785	541	72%	+819	+32	
1279934 05-19-56	RACOWIS	MASTERPIECE ORMSBY... 1080157 3839661 1-35	0	12	3.92	1	12.0	12,762	3.64	465	10	12,969	463	26%	-64	0	

REGISTRATION				INC %	DAUGHTERS		ND OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		PRED			
NUMBER	NAME	DF	SULL		ND	REC / OAU			MILK	%	FAT	HERDMATE ND	MILK	FAT	DF SIRE SUMMARY	DIFF MILK	FAT		
1280018	SKDKIE INKA PERFECTION.....*	05-18-56	1207280	3032112	6-67	0	26	2.88	6	17.1	14,947	3.43	513	10	14,556	527	35%	+180	-3
	STUD 63-02	STATES	2-35,84																
1280603	ZIMMERMAN RDYAL STARLINE OALE.*	11-08-55	1009372	3406183	5-67		15	1.40	7	3.5	13,084	3.52	461	8	14,285	487	37%	-412	-9
	STUD 11-08-55	STATES	1-73																
1281300	8 0 I PA8EMP GDV ALGY.....*	01-30-56	975138	3507143	6-67	0	47	1.68	17	10.6	12,470	3.35	418	22	12,271	418	53%	+48	-3
	STUD 72-01	STATES	3-51,72,74																
1281417	KRUEGERS PA8ST REMER.....*	01-30-56	1000390	2410484	1-63	11	10	1.30	1	10.0	13,896	3.61	501	4	13,169	464	19%	+134	+7
	STUD 01-30-56	STATES	1-35																
1281466	LUXANA IOEAL.....*	03-27-56	1013415	2741613	6-67	18	29	2.00	13	5.8	14,834	3.36	499	12	15,069	522	51%	-31	-9
	STUD 34-01	STATES	1-34																
1281479	8. 0. 1. LUSDVAUTGO LAO.....*	02-18-56	769170	3865935	6-67	3	204	1.99	117	2.3	14,309	3.91	560	13	13,983	525	91%	+354	+35
	STUD 21-10	STATES	5-11,12,13,14,16																
1281628	ELL8ANK JULE KING ADMIRAL.....*	11-20-55	1189195	3472936	6-67	10	113	1.89	35	17.5	15,822	3.51	556	28	15,680	567	67%	+249	-1
	STUD 61-02	STATES	8-12,21,31,33,74																
1281736	NO HOME PDMRDY.....*	01-11-56	1176839	4106162	3-64	0	24	2.13	2	17.3	11,224	3.77	423	3	12,367	446	31%	-384	-7
	STUD 01-11-56	STATES	1-35																
1281797	MEISEGEIER KING HANNA.....*	05-15-56	1033472	2768726	2-65	20	15	2.47	1	15.0	15,355	3.93	604	19	16,672	696	25%	-246	-17
	STUD 05-15-56	STATES	1-35																
1282001	RIPPCHEM OUK.....*	05-28-55	1188529	3655200	5-67	13	12	1.25	1	12.0	10,388	3.47	360	8	10,958	380	20%	-159	-5
	STUD 05-28-55	STATES	1-35																
1282127	ARMYN STRATHMDRE GEDRGE.....*	03-01-56	1116198	3530933	6-67	8	107	1.71	59	3.9	13,506	3.62	489	13	13,711	497	82%	-137	-5
	STUD 91-11	STATES	12-21,35,41,42,46																
1282596	LIME TOP AOA PE8.....*	07-16-56	846425	3637553	6-67	7	152	2.77	135	1.2	15,185	3.52	534	18	14,404	516	91%	+805	+19
	STUD 21-10	STATES	3-13,21,56																
1282804	KAHL PDSCH PIEBE.....*	07-14-56	1173680	2746013	5-67	19	22	3.05	3	12.5	16,327	3.53	577	22	15,562	570	37%	+362	+6
	STUD 07-14-56	STATES	1-35																
1282936	NICDLK S. C. 80LO CHIEFTAIN....*	07-19-56	1007680	3585032	6-67	2	53	2.15	7	15.8	18,042	3.72	671	19	16,932	624	52%	+757	+31
	STUD 33-03	STATES	1-21																
1283231	JDHART OUNLDGGIN JDE.....*	09-18-55	978750	2566723	5-67	0	42	1.33	2	40.0	15,386	3.48	536	31	14,629	522	26%	+227	+4
	STUD 09-18-55	STATES	1-93																
1283309	NCKDAIR LEADER PHDEBE.....*	07-24-56	915540	3423191	6-67	5	412	1.42	171	4.3	14,149	3.73	528	15	14,742	529	94%	-426	+3
	STUD 91-13	STATES	4-81,82,91,92																
1283389	MAN-0-WAR 8. F. CRESCENT PAL..*	11-22-55	1188731	2877439	3-64	4	29	2.66	1	29.0	10,364	3.22	334	8	11,189	366	28%	-293	-11
	STUD 11-22-55	STATES	1-35																
1283518	NEVADA REPRIOE GLEN.....*	02-23-56	984799	3287599	5-67	0	10	2.00	3	4.6	18,252	3.47	634	7	16,653	583	29%	+559	+18
	STUD 02-23-56	STATES	1-43																
1283841	DEPAS CELEBRITY STAR.....*	11-17-55	943799	4154115	5-67		10	3.80	1	10.0	12,088	3.66	442	23	13,149	480	25%	-271	-9
	STUD 11-17-55	STATES	1-35																
1284057	HDDNLIT OALE MUTUAL CHIEF.....*	07-10-56	1099521	2551355	5-67	5	25	2.56	1	25.0	11,997	3.54	425	11	11,808	420	27%	+9	0
	STUD 07-10-56	STATES	1-35																
1284364	LANGE RE-CHARITY DEAN WALKER..*	08-23-55	1190953	3587268	6-67	12	296	1.65	181	3.9	14,319	3.58	512	14	13,889	506	92%	+446	+7
	STUD 35-21	STATES	4-31,34,35,51																
1284827	.....*						13	1.00	1	13.0	12,204	3.14	383	32	12,101	406	19%	-3	-5
	STATES		1-48																
1284868	KREMEIER LGCHINVAR ORMSBY DAN.	04-08-56	1161428	3011359	6-67		37	2.78	2	19.1	14,822	3.55	526	11	15,167	542	41%	-67	-3
	STUD 35-75	STATES	1-73																
1285147	ST CRDXCD COUNT BURKE.....*	08-18-56	1252302	3846349	5-67	12	21	2.48	3	17.2	12,502	3.91	489	6	13,646	503	30%	-331	-3
	STUD 08-18-56	STATES	1-35																
1285495	CRDCUS HILL F08ES HEILD.....*	09-15-56	916471	3515587	5-67		24	2.17	1	24.0	13,068	3.42	447	6	12,821	436	26%	+50	+2
	STUD 09-15-56	STATES	1-35																
1285585	STURDY DAK TDPPER 8ING.....*	09-21-55	1152247	3675297	5-67		18	3.61	1	18.0	13,708	3.47	476	15	13,403	450	27%	+84	+6
	STUD 09-21-55	STATES	1-35																
1285709	SPRUCE LAWN HIOED.....*	09-02-56	929962	2778214	6-67	5	179	2.59	163	1.2	14,843	3.52	522	20	14,415	513	92%	+491	+11
	STUD 21-10	STATES	4-13,21,23,51																
1285747	RIDGELD HOMESTEAD PRINCE.....*	03-15-56	1004144	3625444	2-65		12	1.75	1	12.0	11,488	3.36	386	3	12,195	430	22%	-180	-10
	STUD 03-15-56	STATES	1-35																
1285832	SIR ODN PA8ST DIRECT.....*	03-24-55	969671	3279216	5-67		12	2.58	1	12.0	13,600	3.46	471	11	12,717	458	24%	+195	+2
	STUD 03-24-55	STATES	1-35																

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF MILK FAT	
NUMBER	NAME	OF BULL	REC / OAU		MILK	%			FAT	HEROMATE NO	MILK	FAT	FAT	MILK	FAT		
1285951 05-14-56 STU0 35-75	SHAW CRETE	OUNLOGGIN FAYNE...*	10	425	1.22	258	3.5	14,384	3.73	537	24	14,647	528	94%	-125	+12	
	972500	3264850															
	STATES 19	21,23,32,34,55															
1286805 05-18-56	STEEL-8ILT	OELLA 80Y.....*	10	14	1.36	2	12.1	9,932	4.03	400	18	11,904	429	22%	-469	-7	
	1232752	3232896															
	STATES 1-74																
1287445 02-06-56	ORMS8Y F08ES	CANARY OON.....*	0	22	3.23	1	22.0	12,929	3.67	474	3	14,199	517	28%	-335	-10	
	1198986	3954151															
	STATES 1-35																
1287490 09-13-56 STU0 63-02	SUNNYSIOE LEA0ER	LAO.....*	10	153	1.46	31	32.1	13,576	3.67	498	22	13,645	493	61%	-23	+3	
	915940	3187309															
	STATES 4-23,35,61,63																
1288080 06-03-56	CHRISTY SKYLARK	CLIMAX.....*	10	12	1.67	1	12.0	12,363	3.47	429	12	13,320	453	21%	-205	-5	
	1224300	3655330															
	STATES 1-35																
1288089 10-20-56	CHRISTY HOMESTEAD	OANOY - TWIN*	0	10	2.20	3	6.6	10,678	3.72	397	8	11,552	422	26%	-272	-7	
	1001768	3655322															
	STATES 2-23,35																
1288125 10-26-56 STU0 55-01	SISSON FARMS	00U8LE OEAN.....*	12	78	2.01	15	8.7	16,058	3.46	556	35	15,738	562	69%	+385	+1	
	1049547	3439839															
	STATES 1-55																
1288255 02-28-56	STUROY OAK REVELATION.....*		8	13	2.31	2	11.1	12,370	3.75	464	11	13,124	480	25%	-196	-3	
	1230733	3675303															
	STATES 1-35																
1288309 10-29-56 STU0 35-21	WIS PRINCE SYMBOL.....*		14	216	1.46	105	4.2	13,905	3.50	486	14	13,705	487	89%	+209	0	
	1189593	3262642															
	STATES 8-35,41,42,43,47																
1288534 10-17-56 STU0 35-75	HOWARD FARM	SIR ROBURKE T V.....*	0	26	2.73	7	15.6	14,055	4.02	565	10	13,670	527	36%	+150	+15	
	1024453	3870239															
	STATES 3-35,41,52																
1288721 07-06-56 STU0 34-01	CARNATION EMBLEM	COMER.....*	17	237	1.45	145	11.9	13,696	3.49	478	19	13,799	489	83%	-48	-8	
	1237664	3701770															
	STATES 4-34,55,61,74																
1288849 08-28-56	MEISGEIER MAYBELLE	REMUS.....*	10	15	1.33	1	15.0	13,427	3.90	524	1	12,171	462	21%	+241	+13	
	1033472	4254479															
	STATES 1-35																
1289314 05-28-56	NOWISCO BURKE	CHIEF.....*	10	11	4.64	2	9.1	16,546	3.92	649	18	15,488	596	29%	+364	+18	
	1226865	3104669															
	STATES 1-35																
1289577 04-11-56	LOCUSTOALE HAZEL	CONTENOER.....*	0	12	2.67	3	4.6	13,019	3.53	460	10	12,781	456	35%	+63	0	
	1200379	3170691															
	STATES 2-35,74																
1289578 11-10-56	KYLANO CASCAOE	BURKE 19TH.....*	10	10	3.10	1	10.0	13,782	3.41	470	6	12,792	451	24%	+221	+4	
	1063862	2464644															
	STATES 1-35																
1289586 11-13-55 STU0 35-05	BRAUNS BLOOM.....*		7	133	2.16	97	1.6	14,046	3.57	501	13	13,654	495	89%	+374	+6	
	1228045	2489892															
	STATES 8-33,35,41,56,61																
1290076 07-14-54	DARROW MAGGIE	SENSATION REGAL.*	10	16	2.88	4	7.3	13,481	3.69	498	13	13,994	498	35%	-158	0	
	1146918	2766697															
	STATES 1-35																
1290151 10-24-55 STU0 51-02	SEGIS SPRING FARM	SURPRISE.....*	4	43	2.14	8	20.5	13,490	3.69	498	19	13,158	487	42%	+130	+5	
	010212300	010651164															
	STATES 3-51,52,54																
1290153 11-13-55	LYMAR F08ES	LEADER.....*	7	17	1.47	2	13.4	11,832	3.72	440	10	12,705	488	25%	-234	-11	
	1224328	3123762															
	STATES 2-23,35																
1290165 12-27-56	CRESCENT LEA0ER	ACE.....*	20	10	2.30	3	6.6	12,046	3.56	429	23	13,799	478	26%	-447	-12	
	1247404	3748631															
	STATES 1-35																
1290181 11-12-56 STU0 34-01	OSBORNOALE F08ES	KNIGHT.....*	10	95	1.72	60	7.5	14,556	3.64	530	17	13,910	503	74%	+515	+21	
	934577	3212451															
	STATES 1-34																
1290182 12-20-56 STU0 34-01	OSBORNOALE ADMIRAL	LUCIFER....*	22	388	1.15	246	2.8	14,088	3.60	507	15	14,377	515	94%	-175	-4	
	769170	4227925															
	STATES 8-13,21,23,32,34																
1290560 07-17-56	DISTINCTION DEL	PRINCE.....*	0	13	3.92	2	11.1	15,707	3.38	531	25	14,513	516	29%	+377	+5	
	1232907	3097090															
	STATES 2-35,51																
1290914 12-09-56 STU0 61-02	ORMS8Y ANTHONY	SUZONE.....*	1	137	2.04	98	1.7	14,192	3.54	503	17	13,632	506	89%	+521	0	
	1122159	2628365															
	STATES 4-33,35,57,74																
1291165 09-03-56	SIR RAGOSA AORECO	COMET.....*	10	24	1.58	1	24.0	13,333	3.66	488	2	13,579	483	24%	-53	+1	
	1061172	3827448															
	STATES 1-35																
1291181 10-17-56	RUSHMERE SEAL	LAO - TWIN.....*	10	21	2.43	1	21.0	15,251	3.30	504	9	14,893	496	26%	+133	+2	
	1241491	3760185															
	STATES 1-35																
1291230 12-14-56	L STABLES VAR	ANOY.....*	0	18	2.83	1	18.0	11,804	3.81	450	9	11,865	433	27%	-55	+3	
	1100411	3807191															
	STATES 1-35																
1291236 09-28-56	LONE VALLEY	OANDY COMET.....*	0	13	1.15	2	11.1	10,976	3.70	406	11	11,879	422	21%	-223	-4	
	1197804	3464463															
	STATES 1-35																
1291329 08-01-56	ELKLANO DICTATOR	JET.....*	10	26	2.54	1	26.0	14,384	3.75	539	12	13,112	476	28%	+348	+17	
	1088462	3017310															
	STATES 1-35																

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUM8ER	N A M E	O F	S U L L		N O	R E C / D A U			M I L K	%	F A T	H E R D M A T E N O	M I L K	A V E R A G E S F A T	D F S I R E S U M M A R Y	M I L K	D I F F F A T
1291498 12-17-56 STUD 35-75	LAVACRES DELLA	DINAH PAT.....	12	330	1.18	161	5.1	15,700	3.51	551	29	15,019	535	92%	+775	+19	
1291706 07-25-56	MANCRYCO HOMESTEAD	STAR 8DY...		19	2.63	1	19.0	12,906	3.84	496	4	12,624	458	26%	+55	+9	
1291783 03-08-56 STUD 41-01	DOLVIC ORMSBY	F08ES R08URKE...	12	179	1.20	126	2.2	13,232	3.69	488	12	13,779	500	89%	-447	-8	
1291784 03-31-56 STUD 41-01	DOLVIC R8URKE	8EETS 8RUCE....	5	132	1.37	103	2.0	14,052	3.70	520	12	13,627	496	86%	+389	+21	
1291896 09-18-55	ADOLPH DRMSBY	F08ES SUPER8....*	10	10	1.90	2	8.2	11,986	3.65	438	14	11,855	425	23%	-3	+	
1292145 11-09-56 STUD 87-01	COUNTRY BUTTER	80Y DIGNITY - T	9	211	1.82	101	4.0	13,107	3.79	497	13	14,273	500	90%	-965	-1	
1292242 08-13-56 STUD 87-01	8ESSIE 8 F 8U88LER	DUKE.....	7	207	1.65	112	3.6	14,232	3.64	518	14	14,439	508	90%	-88	+11	
1292482 09-20-56 STUD 87-01	SANMARGALE WIS	SIR TIDY.....*	2	47	2.60	2	45.0	14,684	3.56	523	15	14,078	521	30%	+202	+2	
1292625 11-05-55	O. PRIDE 8EECHWDOD	F08ES.....*	0	22	2.86	2	20.0	13,200	3.59	474	7	12,875	456	29%	+80	+4	
1292699 01-13-57 STUD 91-11	HAYSEN FOND	MASTER.....*	3	45	1.89	13	14.6	14,073	3.71	522	23	14,322	517	48%	-72	+4	
1292776 05-22-56 STUD 35-21	RDSAFE SHAMRDK	JULIAN - TWIN.*	13	73	1.32	40	5.9	13,203	3.46	457	19	13,756	497	70%	-357	-26	
1292785 08-29-56	MYRO R0YAL	PRINCE.....		14	1.14	1	14.0	10,750	3.27	352	3	11,686	403	20%	-221	-11	
1292829 01-28-56 STUD 35-75	CLIFFVIEW ASPIRANT	REGAL.....	4	82	1.79	34	10.4	15,910	3.45	549	43	15,307	532	67%	+535	+14	
1292915 11-29-56 STUD 72-01	8ESSIE 8. F. GYPSIE	LEA0ER....*	5	78	2.85	41	3.9	15,238	3.80	579	20	14,993	569	79%	+324	+14	
1293224 03-07-56	BUTTERCUP PRINCE	ROYAL.....	10	12	3.42	1	12.0	11,664	3.87	451	6	11,525	432	25%	-10	+3	
1293263 10-15-56 STUD 91-13	MIOLAND BURKE	A0RIAN MAGIC....	4	204	1.66	79	5.6	14,574	3.61	526	17	14,888	531	88%	-140	0	
1293283 02-18-56	ELMVILLE 8URKE	SIR 8ESS PEARL.		13	1.85	1	13.0	14,688	3.40	500	11	13,961	491	23%	+179	+2	
1293373 10-14-56	ELOONON MAESTRO	WELLINGTON....*	0	13	3.92	1	13.0	13,866	3.49	484	9	13,456	475	27%	+112	+2	
1293380 12-18-56	RUSHMERE LASS	SEAL.....		14	2.79	2	12.1	14,009	3.39	475	15	13,261	460	27%	+202	+3	
1293923 10-26-55	WEST WARO LAO	TILFA F08ES.....	0	13	3.77	1	13.0	13,209	3.78	499	7	13,280	513	26%	-19	-2	
1294703 03-21-56 STUD 33-03	WIL-0-WHIT R08URKE	MO0EL.....*	9	100	1.29	82	1.9	15,183	3.47	527	14	14,677	520	82%	+526	+8	
1294754 09-10-56	MOORE VIEW PA8ST	ROAMER.....		20	1.25	1	20.0	10,488	3.93	412	10	10,535	378	22%	-71	+5	
1294759 02-09-57	WAL-DORIS POWERHOUSE	OUKE.....	14	21	2.29	1	21.0	11,948	3.44	411	4	11,870	433	26%	-18	-6	
1295149 11-02-56	PIE8E KUETHER	8URKE.....		11	1.64	1	11.0	9,155	3.54	324	1	11,154	424	21%	-469	-22	
1295333 04-20-55	ARLENOEL CURTISS	CAN0Y WAYNE..*	0	12	4.00	3	5.5	12,694	3.55	451	15	12,320	442	36%	+97	+2	
1295523 08-01-56 STUD 93-10	PINEYHILL SULTAN.	.....*	9	79	1.43	31	11.7	17,214	3.59	618	29	16,376	585	63%	+719	+27
1295578 12-28-56	JON-OE LEA0ER	AARON.....*	0	21	2.33	5	8.7	14,445	3.55	513	12	14,608	537	40%	-14	-7	
1295607 01-13-57 STUD 93-05	GRMSBY 8URKE	MOSE MERCURY.....*	0	20	2.70	5	13.0	13,368	3.56	476	8	13,369	484	33%	0	-2	
1295724 12-02-56	OISTINCTION SATIN	PROFILE.....	22	14	2.79	2	7.5	11,291	3.66	413	9	12,450	456	33%	-415	-14	

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE AVERAGES		REPEATABILITY OF SIRE		PREO DIFF	
NUMBER	NAME	OF	SULL		NO	REC / OAU			MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT
1295907 10-24-56	ROEHL LEADER 915940 STATES	CHIEF.....	3548841 1-35	4	41	2.56	1	41.0	13,569	3.55	482	18	14,031	492	29%	-115	-2
1296074 10-04-56	OIC CROIXCO 988614 STATES	BURKE.....	3616853 1-35	26	36	2.78	1	36.0	14,081	3.42	481	17	13,897	502	29%	+68	-5
1296330 03-12-56	ORMS8Y COMET 959466 STATES	PRINCE.....	2640048 1-35	0	18	3.39	1	18.0	15,270	3.44	526	20	14,856	527	27%	+153	+1
1296576 01-05-57 STUO 33-03	FREE8AER REFLECTION 010198998 STATES	SOVEREIGN.*	3694555 6-67 35-21,23,33,35,41	15	519	1.10	382	2.1	13,419	3.65	490	17	14,367	518	96%	-810	-23
1296951 03-27-56	UPOOWN OE KOL 1226435 STATES	ORA ORAN.....	3822181 1-34	26	2.65	1	26.0	11,161	3.59	401	7	11,952	417	27%	-250	-5	
1297032 04-10-56	STAR LEADER 1224329 STATES	DARKNESS.....	2132301 1-35	0	18	3.28	1	18.0	11,630	3.60	419	5	11,149	412	27%	+71	0
1297075 02-20-57 STUO 63-01	HALLCREST FOLLOW 1142734 STATES	ON LEADER....	2681572 6-67 4-21,23,63,65	10	110	1.56	46	4.0	13,398	3.63	486	13	13,440	488	81%	-26	-1
1297153 01-07-57	MIOLANE JESTER 1061174 STATES	BELL 80Y.....	3482344 5-67 1-35	24	2.00	2	20.3	11,428	3.89	444	23	12,238	461	29%	-262	-5	
1297348 08-15-56	ELMWOOD LEADER 915940 STATES	LYONS.....	3039401 5-67 1-35	0	20	3.30	1	20.0	13,900	3.40	472	4	13,484	479	28%	+119	-1
1297383 12-14-56	CHRISTY SKYLARK 1224300 STATES	ODYNAMITE.....	3108971 5-67 1-35	13	11	2.27	1	11.0	11,856	3.50	415	9	13,068	460	23%	-282	-10
1297401 02-08-57 STUO 72-01	SHAQY MEADOW 1090258 STATES	SHANGHIGH ORMS8Y.*	3671396 6-67 4-23,31,32,55	13	66	2.05	17	7.8	14,182	3.63	515	24	14,816	531	68%	-329	-7
1298164 03-01-57	POLYTECHNIC 1230640 STATES	MONTVIC COUNT.....	3411103 5-67 1-93	24	1.13	1	24.0	13,793	3.75	517	40	13,571	488	22%	+54	+6	
1298266 12-04-56 STUO 87-01	IOA-ROYAL HAZELWOOD 1223970 STATES	MAGICIAN..	3413920 6-67 3-82,83,87	8	53	1.66	24	10.9	14,068	3.55	500	14	14,228	508	56%	-40	-2
1298344 08-09-56	MATHEWSFIELD 1175724 STATES	OEWOROP OESIGN...*	4105143 5-67 4-13,16,21,23	21	1.48	19	1.1	13,681	3.61	494	16	14,059	501	54%	-164	-2	
1298389 11-02-56	CULVER EMPEROR 1048342 STATES	OICTATOR TOPPER	3757120 5-67 1-32	13	1.15	1	13.0	15,167	3.82	579	7	12,779	492	20%	+461	+17	
1298617 11-03-56	NOWISCO CREATOR 1243136 STATES	MOOEL.....*	4011800 5-67 1-35	0	11	4.09	1	11.0	11,721	3.51	411	19	12,158	423	25%	-140	-4
1298953 02-13-56	WILLAROS ADMIRAL 1129140 STATES	ORMS8Y.....	2996819 5-67 1-35	10	27	1.85	3	17.0	12,609	3.63	458	8	12,741	451	33%	-63	+1
1298983 10-03-56	RUFIS HOMESTEAD 1248442 STATES	KING.....	3533680 5-67 1-35	0	25	3.52	1	25.0	13,285	3.30	438	13	13,472	462	29%	-51	-7
1299054 08-08-56	SHUR-POLL BURKE 1229660 STATES	LILLY PAO P...	3773058 3-64 1-35	14	2.29	1	14.0	13,822	3.33	460	4	12,100	436	24%	+386	+5	
1299085 10-22-56	NELWOOD BURKE 1010660 STATES	ROMELL.....	3934935 5-67 1-35	3	37	3.05	1	37.0	15,901	3.60	573	8	15,411	572	30%	+208	+3
1299222 11-01-56 STUO 93-05	F S C IOEAL CHIEF 1113350 STATES	8URK JO.....*	3797803 6-67 1-93	0	24	1.83	4	18.5	18,310	3.65	668	15	15,930	585	29%	+775	+27
1299241 11-04-56 STUO 31-02	WETONA A. 8. C. 010198998 STATES	JUNIOR CLOYOAL*	2734739 6-67 10-13,21,23,31,56	16	113	1.74	61	5.8	13,067	3.63	474	17	14,064	508	79%	-734	-24
1299385 07-19-56	SCHUTZOLM ANKER 1235310 STATES	ODN.....	3573096 3-64 1-35	0	10	1.10	1	10.0	10,005	3.69	369	14	11,082	407	18%	-236	-7
1299476 10-07-56	PALO ORO PRINCE 1042670 STATES	STRATHMORE...	3722770 5-67 1-74	37	1.35	2	35.0	13,168	3.61	476	2	12,843	455	25%	+69	+5	
1299996 01-08-57	NOWISCO M 8 8 1085852 STATES	JAN.....*	3252494 5-67 1-35	0	15	3.13	3	5.9	11,854	3.40	403	15	12,202	440	39%	-179	-15
1300020 09-10-56	FERTILE MEADOWS 1217960 STATES	AOA ROOEE.....	3467811 5-67 1-35	4	59	3.02	1	59.0	12,764	3.36	429	12	13,113	457	31%	-114	-9
1300024 12-20-56	FERTILE MEADOWS 1258046 STATES	INKA OELIGHT..	4053051 5-67 1-35	11	2.18	1	11.0	11,812	3.65	431	2	12,012	425	23%	-76	0	
1300043 12-04-56	CHERRY8OLO TRIUMPH 1248558 STATES	BILLY.....	3932590 8-63 1-35	20	13	3.77	1	13.0	12,495	3.92	490	12	12,813	465	26%	-95	+6
1300045 03-05-57	CHERRY8OLO TRIUMPH 1248558 STATES	80Y.....	2862418 5-67 1-35	11	20	1.55	1	20.0	11,219	3.43	385	5	11,747	393	24%	-162	-3

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY OF SIRE SUMMARY	PREDICTED	
NUMBER	NAME	OF BULL	REC / DAU		MILK	AVERAGES %			FAT	HEROMATE NO	AVERAGES MILK	FAT	MILK		FAT	
1300047 11-02-56	ANGLE LANE MASTERPIECE 1080157 STATES 1-35	BURKE.. 3870812 5-67	16	1.50	1	16.0	11,299	3.64	411	11	12,062	420	23%	-200	-3	
1300477 09-25-56	FRIESEN RIGA SANDY..... 1183077 STATES 1-47	4072907 5-67	16	1.56	1	16.0	12,079	3.42	413	2	12,363	449	23%	-86	-8	
1300647 05-26-56	MEISEGEIER GINGER SANDY - TWIN 1258733 STATES 1-35	2719684 5-67	20	2.11	2	16.6	13,778	3.78	521	18	14,589	601	34%	-233	-22	
1300690 01-11-57	ST CROIXCO PRIDE KERK..... 1255645 STATES 1-35	3571827 3-64	7	18	2.44	1	18.0	14,591	3.79	553	4	14,607	542	26%	+28	+4
1300974 08-01-55	SPRING COVE DICTATOR HIGH HOPE 988614 STATES 1-35	3259482 5-67	10	57	2.39	3	26.0	11,766	3.70	435	6	12,292	455	45%	-284	-9
1301137 02-27-57	TRIUNE BURKE PILOT CAPTAIN.... 1248234 STATES 1-35	2934880 5-67	44	11	2.00	2	9.1	11,676	3.38	395	21	12,935	462	24%	-305	-15
1301434 05-11-57	SRF BEECHWOOD LEADER..... 915940 STATES 1-35	3782832 2-66	8	18	1.61	2	16.1	14,518	3.50	508	12	13,543	479	25%	+247	+7
1301864 12-12-56 STUD 35-75	GRAY VIEW SKYLINER NAT..... 1244845 STATES 5-21,43,47,55,73	3474313 6-67	2	62	1.79	12	14.2	15,724	3.82	601	20	15,335	573	56%	+329	+21
1302134	..... STATES 1-35	0-00	10	1.40	2	8.2	10,467	3.67	384	5	10,673	393	22%	-101	-3	
1302331 04-04-57 STUD 91-11	SKOKIE GOOD GOVERNOR..... 1199324 STATES 15-23,35,41,42,46	3373360 6-67	13	196	1.56	107	3.1	14,065	3.51	493	15	13,962	508	90%	+146	-11
1302389 11-11-56	KNURRS EXCELLENCY PRINCE..... 1156059 STATES 1-35	3679069 5-67	5	21	2.38	1	21.0	12,305	3.59	442	12	12,917	474	26%	-170	-8
1302459 11-20-54	MAYERS SENSATION PRINCE MAJOR. 1171327 STATES 1-35	3638099 5-67	10	10	3.40	1	10.0	15,034	3.37	506	12	15,064	533	24%	+33	-4
1302503 04-12-53	CHESTER HOME BLACKIE SOVEREIGN 010238994 STATES 1-35	3664667 0-00	12	12	2.83	1	12.0	10,812	3.93	425	18	10,883	402	24%	-74	+3
1302540 10-25-56	8EAU KNIGHT COUNT..... 1221552 STATES 1-35	3784279 5-67	8	14	2.93	1	14.0	12,837	3.68	472	7	13,718	483	25%	-213	-2
1302630 03-04-57	GRAY VIEW CRITERION BLEN0..... 1244844 STATES 1-35	3073642 8-66	11	1.55	1	11.0	12,847	3.44	442	5	14,459	513	21%	-311	-13	
1303077 09-28-56 STUD 23-09	DI88LE IDEAL DICTATOR..... 1014925 STATES 4-23,42,50,51	3971562 6-67	9	67	1.66	20	23.4	13,520	3.57	482	21	13,913	501	47%	-159	-7
1303240 02-25-56	LANGE RE-CHARITY SPITFIRE..... 1190953 STATES 1-35	3587267 2-66	0	19	3.16	1	19.0	14,746	3.46	510	10	13,874	491	27%	+252	+5
1303290 10-01-56	ARTWEBER ANGELO SNOOKS PRAIRIE 1174840 STATES 1-35	3547337 3-64	6	35	2.91	1	35.0	13,342	3.72	496	10	13,762	510	29%	-109	-2
1303434 07-14-57 STUD 35-03	HAYSEN FONO PICA PRINCE..... 1250992 STATES 4-32,35,42,57	2748774 6-67	17	94	1.53	72	1.6	12,842	3.75	482	15	14,082	511	83%	-970	-21
1303435 07-16-57	ELKHEART FONO BILL..... 1250992 STATES 1-35	3433051 5-67	11	29	2.55	1	29.0	12,468	3.71	462	17	13,189	497	28%	-206	-9
1303502 06-28-56 STUD 35-75	WILLARDS CANARY PRINCE..... 1230780 STATES 5-16,21,34,52,55	2735318 6-67	0	23	2.30	10	5.2	17,592	3.51	618	17	16,012	567	48%	+888	+28
1303796 02-01-57	PINEHURST F08ES LAO..... 1211333 STATES 1-35	3116746 5-67	0	14	3.07	1	14.0	13,195	3.62	478	8	12,919	469	26%	+60	+2
1303800 06-12-57	ARCHAMBAULT F08ES..... 1268974 STATES 1-35	3823887 5-67	23	29	1.97	1	29.0	14,379	3.54	509	15	14,125	511	26%	+87	0
1303900 01-14-57 STUD 63-02	RO8URKE ORMS8Y F08ES PA8ST.... 1024453 STATES 2-33,35	3063946 6-67	0	13	3.08	3	9.4	17,105	3.45	590	13	14,540	534	30%	+800	+18
1303939 01-25-57	PECATON JIM REGAL WALKER..... 1211182 STATES 1-35	3374537 8-64	12	19	2.47	1	19.0	11,293	3.39	383	8	12,103	419	26%	-243	-10
1303945 07-06-55	CRISTOL ORMS8Y OE KOL..... 1064738 STATES 1-41	2821370 5-67	8	14	2.71	1	14.0	13,985	3.40	475	4	13,603	477	25%	+100	0
1304049 06-09-57 STUD 35-21	CARNATION SKY PILOT..... 1175596 STATES 1-42	2931901 6-67	3	33	2.52	5	22.3	14,728	3.50	516	5	14,555	535	35%	+103	-4
1304177 10-16-56	RO8ARON WOODROCK SEGIS..... 010249143 STATES 2-35,41	010975835 5-67	8	22	2.27	7	4.3	13,865	3.64	504	14	13,150	482	49%	+343	+11
1304178 03-07-56	8EAU KNIGHT PRIZE..... 1221552 STATES 1-35	3697917 5-67	14	16	2.44	1	16.0	13,042	3.62	472	5	12,904	476	24%	+23	0

HOLSTEIN

100

REGISTRATION					DAUGHTERS				DAUGHTER			ADJUSTED		REPEATABILITY		PRED		
NUMBER	NAME	OF	BULL	INC	NO	REC /	NO	EFF	OAU /	MILK	AVERAGES	FAT	HERDMATE	AVERAGES	OF SIRE	DIFF	FAT	
				%		OAU	OF	OAU /		%			NO	MILK	FAT	SUMMARY		
1304351 09-06-56	OAS OICTATOR 1257394 STATES	LEN.....*	3712738 5-67 1-32		10	2.30	1	10.0		9,912	3.43	340	19	9,456	326	21%	+14	0
1304402	.....	.....	5-67	0	11	1.18	2	7.7		9,549	3.80	363	5	10,764	406	23%	-334	-11
	STATES	1-35																
1304515 08-15-57	BETHESOA NOWISCO 1133899 STATES	BURKE.....	3558596 5-67 3-23,34,35	15	13	2.08	3	9.4		14,928	3.44	513	18	14,828	515	27%	+67	0
1304545 12-26-56	NOWISCO IDEAL 1085852 STATES	VICTOR.....	3305651 5-67 1-35	0	17	3.41	2	10.8		13,228	3.58	473	10	13,780	516	34%	-173	-13
1304562 12-13-56	VALLA VISTA ORMSBY 991875 STATES	MERCURY....*	3416504 5-67 2-43,93		13	1.54	3	7.0		14,494	3.58	519	95	14,936	529	28%	-79	-1
1304722 05-09-57	SKOKIE FAMOUS 1279206 STUD 35-75	VICAR.....*	3637516 6-67 1-31	4	51	1.92	8	31.9		16,014	3.98	637	7	15,480	599	36%	+271	+18
1304781 07-09-57	SHETLARS TIOY 1040291 STUD 35-03	WHIZ.....*	3451570 6-67 3-48,73,84	11	31	1.97	5	13.7		16,028	3.54	567	19	15,632	535	40%	+252	+15
1304856 01-29-57	LAKE AIRE PEARL 1089423 STATES	ANORECO.....	3397580 2-66 1-35	0	21	2.86	1	21.0		14,202	3.56	506	6	13,129	491	28%	+289	+4
1304875 05-14-57	NOWISCO ALCARTRA 1226865 STATES	CHIEF.....	2980617 5-67 1-35	23	14	1.50	1	14.0		12,712	3.74	476	11	13,378	493	22%	-142	-3
1305377 03-03-56	KEL-MAR FARMS 1205583 STATES	EBONITE STANDAR*	3373870 5-67 1-21	9	17	2.47	6	5.9		14,414	3.51	506	20	16,244	577	39%	-605	-23
1305458 03-13-57	CARNATION BUTTER 1152252 STATES	BOY INTRIGER.*	3483638 5-67 1-91	0	12	1.33	3	4.1		15,033	3.45	518	5	14,941	525	31%	+78	0
1305474 02-06-57	GLENRICH REVELATION 1249809 STATES	LAO.....*	3545706 5-67 2-41,48		13	1.00	3	8.0		11,035	3.68	406	13	11,720	405	24%	-204	-1
1305506 09-08-56	GREEN ACRES RAVEN 1213875 STATES	P OLIVER.....	3899004 5-67 1-35	0	16	1.25	2	14.1		11,673	3.71	433	3	12,089	423	23%	-122	+1
1305613 01-01-57	WILLAROS MOLINOS 915940 STUD 94-01	LEAOR.....*	2965079 6-67 5-23,33,35,42,74	11	92	2.61	13	16.9		15,925	3.44	548	21	15,068	536	65%	+668	+11
1305681 03-20-56	ROMEY JUPITER.....	.....	3988562 5-67 1-35	0	33	1.97	6	8.3		11,585	3.94	457	7	12,614	472	50%	-552	-7
1305813 04-01-57	RUDD FARM ACE 1186187 STUD 35-75	GEM.....	3680065 6-67 20-31,48,55,58,93	5	298	1.04	141	8.3		14,246	3.76	535	32	14,379	525	88%	-26	+12
1305874 11-26-56	NACHES C 8 NIXON.....	.....	3612798 6-67 2-82,93	3	96	1.48	23	27.7		16,208	3.58	580	269	16,281	587	53%	+116	+2
1306247 11-14-55	JERLAND COMET 1056438 STUD 35-21	HOESLY VAR.....*	3229977 6-67 2-35,41	14	15	2.67	4	9.8		16,229	3.65	593	17	14,004	515	30%	+696	+25
1306452 12-14-56	DETERT SIR DELL 1222727 STATES	BEACON.....*	3352427 5-67 1-35	6	33	3.06	2	27.5		11,185	3.67	411	16	11,748	445	33%	-235	-11
1306661 03-23-57	GRAY VIEW SKYLINER 1244845 STUD 87-01	NELLO.....*	2952038 6-67 1-41	2	58	2.41	9	13.2		16,135	3.60	581	7	15,521	551	58%	+477	+21
1307030 04-15-57	HAZEL BUSH ROAMER 1216909 STATES	OIVIDENO.....	3826114 5-67 1-35	46	15	1.73	1	15.0		13,408	3.43	460	4	15,421	553	22%	-404	-18
1307080 05-18-57	NOWISCO IDEAL 1187274 STATES	OICTATOR.....	3841043 5-67 1-35	0	19	2.79	1	19.0		12,724	3.59	457	11	13,258	471	27%	-146	-3
1307759 05-16-57	ELMER BROOK 1236789 STATES	MICHAEL HOMESTEAO.	3118929 5-67 1-35		11	2.64	1	11.0		14,334	3.34	479	10	13,494	494	24%	+203	-2
1308091 04-26-57	MACINTIRE PATHFINDER 984799 STUD 35-75	PRINCE....*	2871506 6-67 4-21,34,35,52	14	34	2.15	6	17.8		17,070	3.61	617	16	16,626	603	39%	+297	+10
1308101 04-11-57	SKOKIE SENSATION 1267271 STUD 61-02	NEO.....*	3235818 6-67 5-32,33,34,42,61	2	57	2.02	29	11.6		16,596	3.68	610	9	15,228	563	58%	+896	+31
1308179 01-18-55	JERLAND RAVEN 909839 STATES	KAAN.....	2526129 5-67 1-35	11	15	2.27	1	15.0		10,888	3.88	422	7	12,039	455	24%	-303	-8
1308217 10-14-57	DUNCAN CREEK 1240638 STATES	DIRECT.....	3245143 5-67 1-35	8	12	3.08	4	5.8		13,746	3.97	546	16	14,913	558	34%	-339	-1
1308374 03-29-57	ARESKU BEAU BRUMMEL 010232069 STATES	.....	010882587 5-67 1-52	10	13	1.69	1	13.0		15,484	3.86	598	30	15,614	575	21%	+20	+7
1308415 06-30-56	CARNATION EMBLEM 1237664 STUD 87-01	GAITY.....*	3483639 6-67 1-82	2	49	2.37	4	32.3		15,680	3.72	583	13	15,852	556	37%	+29	+12

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBR	NAME	OF	BULL		NO	REC / OAU			FAT	MILK	%	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT
1308419 08-01-57 STUO 91-11	CARNATION BUTTER 80Y COUNT....*	1152252	3700608 6-67	6	264	1.63	137	3.6	13,999	3.51	491	16	14,060	507	92%	+9	-12
1308492 09-09-57 STUO 55-01	RIVER VALLEY WALLIE SUPERIOR...*	1190632	3002373 5-67	14	77	1.73	14	10.1	15,912	3.59	572	38	16,321	593	65%	-73	-6
1308504 10-10-57	HILL TOP HAVEN AOMIRAL 8URKE..	1152351	2380907 2-66	6	51	2.45	1	51.0	13,632	3.71	506	11	13,436	501	29%	+60	+2
1308530 04-18-57	KYLANO LEAOR 80Y.....*	1262613	2464643 5-67	11	11	1.55	4	4.2	13,595	3.24	441	7	14,547	527	30%	-251	-24
1308562 07-30-57	CHERRY80LO TRIUMPH GALLANT....	1248558	3804554 5-67		30	2.63	1	30.0	12,511	3.56	446	9	12,998	460	29%	-148	-4
1308768 11-27-56	HARPLANO HICKORY CREEK OESIGN..	1111076	3310735 5-67	0	20	1.75	2	10.1	11,056	3.68	407	4	11,568	406	35%	-238	-1
1308796 09-14-57 STUO 52-01	OREGON CHALLENGER 8ARON.....*	1253140	3441114 6-67	6	109	1.48	67	5.6	15,473	3.46	535	18	14,959	536	78%	+529	+3
1308933 04-01-57	LAKE PARK SIR PATRIOT AOMIRAL..	1037179	3172377 5-67	0	17	2.65	1	17.0	13,239	3.78	500	66	12,922	475	26%	+72	+6
1308997 08-08-57	ELMOKA KING OLE.....*	1146343	3762746 8-66	9	101	2.03	1	101.0	13,451	3.89	523	18	13,587	518	29%	-31	+2
1309221 10-22-57	WEHAUSENS PIETERTJE BURKE.....	1274153	3060045 3-64	6	17	3.06	1	17.0	12,294	3.69	454	14	14,169	508	27%	-485	-13
1309574 08-09-57 STUO 23-09	NORTHMOOR LEAOR HECTOR.....*	1216957	2915508 6-67	3	47	2.47	13	12.5	16,756	3.84	643	30	15,806	590	54%	+642	+34
1309702 11-14-55	BLUEBELL CAVALIER OALE.....*	1236975	3532349 5-67	0	11	2.64	1	11.0	12,127	3.86	468	10	13,406	476	24%	-306	-1
1309768 09-29-56	ORIOLE HOME COMET ARCHER.....	1070036	2988454 5-67	3	37	2.51	5	16.7	14,411	3.53	509	9	12,919	464	43%	+621	+18
1310177 10-09-57	ARLINOA ELSIE MARINER.....*	1150470	4155372 5-67	0	14	1.14	1	14.0	13,462	3.65	491	102	14,434	518	20%	-173	-4
1310916 10-13-57	KYLANO POPEVALE PREMIER.....	1126392	3282597 5-67	9	37	2.16	2	33.2	13,636	3.30	450	14	13,293	473	29%	+98	-6
1311429 11-24-57 STUO 41-01	TAGALONG 8URKGOV OAGAN.....	1038509	3320066 6-67	12	256	1.31	187	1.9	14,041	3.45	485	13	13,278	476	93%	+698	+7
1311488 08-05-57 STUO 87-01	CARNATION MAOCAP LOYALTY.....*	1152252	3854299 5-67	23	37	2.19	15	14.6	12,603	3.67	463	15	14,269	532	44%	-687	-27
1311578 01-19-57	AUOELL HOESLY PROUD JERRY.....	1115396	3335077 2-65		10	2.40	3	4.6	14,857	3.80	564	11	15,058	545	31%	-8	+8
1311795 11-17-57 STUO 35-75	SKOKIE SENSATION COMMODORE....*	1267271	2806298 6-67	0	30	1.67	4	21.2	17,574	3.48	611	9	15,682	567	31%	+663	+16
1312259 01-27-57	WESTMOUNT AOJUOICATOR.....*	010249631	010640908 5-67	5	25	1.52	9	6.3	14,575	3.43	500	12	13,814	509	45%	+361	-2
1312593 10-20-57	CHERRY80LO ROBEL GOVERNOR.....	969669	3984902 5-67	5	22	1.50	1	22.0	13,051	3.73	487	8	12,244	448	24%	+166	+8
1312670 07-17-57	REINOAK ROCKWOOD RAG APPLE....	1122159	3689111 2-66	7	18	2.06	2	16.1	13,462	3.37	454	4	13,746	500	26%	-64	-11
1312789 10-16-57	JESS 8URKE LEADER.....	1216957	3972987 8-66		10	1.50	2	8.2	12,742	3.55	452	13	14,495	506	27%	-360	-10
1312963 08-17-57	NOWISCO TONY MUSIC.....	1205698	2740445 3-64	0	17	3.29	1	17.0	15,604	4.13	644	15	15,373	593	27%	+117	+17
1313355 06-10-54	ANTHONY ROCKWOOD RO8ARON 8....*	1246103	010732888 5-67	4	53	1.36	24	6.6	13,806	3.53	488	28	13,250	486	62%	+335	+1
1313884 .....	.....	.....	.....	14	11	1.18	2	9.1	12,626	3.45	436	56	14,600	517	21%	-382	-15
1314190 10-17-55	BURKE HICKORY HILL TRITOMIA....	1111789	2854644 5-67	0	20	3.25	3	14.7	13,370	3.43	459	6	13,765	496	33%	-115	-11
1314191 02-14-56	FOBES RAG APPLE RO8URKE.....*	1024453	3604880 5-67	17	14	3.00	1	14.0	12,825	3.41	437	8	12,886	458	25%	-26	-5
1314242 12-14-57	ELLINGOALE RO8URKE THUNOER8IRO	1024453	3915997 5-67	9	17	2.29	2	9.9	12,961	3.84	498	9	13,760	506	33%	-247	-1

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		AVERAGES		REPEATABILITY OF SIRE		PRED DIFF	
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT		
1314259 MT 07-31-57	JOSEPH MASTER 1136810 STATES	DECISION..... 3311384 1-48	5-67	0	12	1.67	1	12.0	12,480	3.66	457	16	11,949	433	22%	+85	+4		
1314262 MT. 09-20-57	JOSEPH LILLY 1275764 STATES	BURKE NOTE... 4104576 1-48	5-67	17	21	1.71	1	21.0	13,029	3.52	458	3	12,688	436	24%	+67	+4		
1314270 HORSE 09-14-57 STUO 52-01	PEN HILL 1009092 STATES	KING SOVEREIGN. 3869354 4-51,52,54,55	6-67	9	178	1.08	108	2.3	13,772	3.49	481	21	13,801	491	88%	+14	-7		
1314280 ROSE 01-23-57	VILLA OANOY 1147838 STATES	F08ES.....* 3388150 2-22,35	5-67	13	32	2.19	8	10.8	13,743	3.38	465	10	13,958	501	46%	-71	-15		
1314369 PRINCE 08-25-57 STUD 23-08	BELL RINGER.....* 1273130 STATES	5-67 4043395 2-22,23	5-67	0	29	2.07	15	5.7	13,828	3.69	510	9	13,454	502	51%	+197	+5		
1314449 SUNNYSIDE 09-24-57 STUD 35-05	JEWEL RO8URKE.....* 1024453 STATES	3780371 9-33,35,41,42,74	6-67	6	305	1.65	177	2.8	13,561	3.72	505	15	13,918	504	93%	-280	+3		
1314451 SUNNYSIOE 08-13-57 STUD 63-02	LEA0ER ORMS8Y.....* 915940 STATES	3093548 2-35,55	6-67	16	20	2.40	6	11.5	14,658	3.45	505	17	14,908	543	34%	-32	-10		
1314576 OAKMULGEE 01-09-58	ORMS8Y CAPTAIN..... 860768 STATES	3936141 1-52	5-67	8	15	1.60	1	15.0	16,547	3.37	557	3	15,752	552	23%	+233	+3		
1314624 ELMOKA 12-15-57	PONTIAC MOSE.....* 1091004 STATES	3513388 1-35	5-67	16	32	2.09	6	9.4	15,099	3.74	564	10	14,324	575	48%	+416	0		
1314764 WIS 12-12-57	MASTERPIECE REGENT..... 999669 STATES	3899505 1-35	3-64	17	13	2.08	1	13.0	13,889	3.26	453	11	15,562	540	23%	-337	-18		
1314767 SHAWS 07-03-57 STUO 35-05	O C T UNA CREAMELLE.....* 972500 STATES	2752714 9-23,33,35,41,42	6-67	8	561	1.32	275	3.3	14,193	3.66	520	14	13,725	498	96%	+484	+22		
1314985 GLA0HURST 02-17-57	HOESLY SUSIE SENATOR* 1033472 STATES	4149929 1-35	5-67	9	11	3.55	1	11.0	12,334	4.26	525	19	13,087	469	25%	-193	+13		
1315042 OSMAN 11-20-57	SEGIS SCOTTY JOEY..... 1277341 STATES	3983945 1-35	2-66	25	24	2.08	1	24.0	13,898	3.48	483	13	12,771	501	26%	+277	-3		
1315299 OUNCAN 11-30-57	CREEK HOMESTEAD GENE...* 1240638 STATES	3558346 2-23,35	5-67	0	23	3.65	3	19.2	11,624	3.74	435	14	11,725	432	32%	-85	0		
1315406 CHERRY HILL 09-28-57	CARNATION PROFILE. 1169417 STATES	3489905 1-35	5-67	18	22	2.41	1	22.0	14,760	3.43	506	5	15,305	528	27%	-93	-4		
1315423 LAVACRES 12-01-57 STUD 35-21	OUSTY AOAM.....* 1205185 STATES	3208918 1-93	6-67	0	25	2.92	3	16.6	18,781	3.59	674	66	17,296	649	35%	+652	+14		
1315578 LAR-WINN 10-15-57 STUO 61-02	RAG APPLE IOEAL..... 1090340 STATES	2940399 4-33,35,42,43	6-67	0	318	1.53	188	2.6	14,806	3.86	572	17	13,856	512	94%	+937	+59		
1315612 CLOVER8ROOK 11-02-57 STUO 33-03	PRINCE.....* 1079736 STATES	4133181 1-42	6-67	16	34	2.15	6	19.0	16,394	3.71	609	8	15,734	579	37%	+336	+15		
1315731 APPLE-CREEK 11-13-57	LEADER..... 915940 STATES	3714334 1-35	5-67	0	17	1.41	2	8.7	15,687	3.49	547	16	14,980	543	31%	+270	+3		
1315879 PAWNEE FARM 04-20-57 STUO 35-21	CENTURION DUKE....* 1263045 STATES	3922841 2-35,47	6-67	0	23	1.83	5	8.9	12,190	3.80	463	6	12,371	462	39%	-109	0		
1315950 OISTINCTION 12-21-57	PROFILE..... 1169417 STATES	3065464 1-35	5-67	17	13	2.15	1	13.0	13,001	3.78	491	15	15,047	572	24%	-440	-16		
1316112 WILLMIL A B R 10-16-57 STUO 52-01	ROXANNA SUPREME.* 1080990 STATES	2950808 3-22,51,52	6-67	4	31	1.87	6	13.8	16,081	3.97	639	16	15,484	584	40%	+321	+26		
1316161 JON-DE 12-11-55	KING OUSTIE..... 1061147 STATES	2653401 1-63	1-63	0	12	4.42	1	12.0	12,854	3.56	458	9	12,874	456	27%	-17	0		
1316394 BURKE 11-11-57	COMET OLIVER..... 1213875 STATES	3803075 1-35	5-67	6	16	2.63	1	16.0	13,900	3.52	489	8	13,576	485	26%	+89	+1		
1316399 FOXLEASE 01-05-58	OUKE POSCH..... 1222990 STATES	3520265 1-52	5-67	0	18	1.67	2	14.4	12,347	3.82	472	18	13,659	486	27%	-341	-3		
1316533 CRESCENT 09-26-57 STUO 33-03	BEAUTY TRIUMPH.....* 1268528 STATES	3398005 11-23,33,35,43,46	6-67	5	80	1.65	33	9.2	14,644	3.61	528	12	14,012	508	68%	+472	+15		
1316877 MERIWETHER 01-16-58	OSHKOSH SERGIUS.... 1280357 STATES	4054152 1-35	2-66	5	28	2.36	3	22.5	13,163	3.46	455	12	13,880	493	31%	-208	-11		
1317248 OEPAS 10-23-57	EXPLORER..... 1013718 STATES	4027774 1-35	3-64	0	12	3.25	1	12.0	14,270	3.44	491	28	13,171	486	26%	+276	+1		
1317270 MALLARY 10-12-57 STUO 35-75	ADMIRAL LUCIFER.....* 769170 STATES	3496963 3-13,34,52	6-67	0	15	2.67	7	5.8	16,437	3.81	626	21	16,138	611	38%	+219	+10		

REGISTRATION					INC %	DAUGHTERS			ND OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF FAT	
NUMBER	NAME	OF	BULL	NO		REC / OAU	MILK	%			FAT	HEROMATE NO	MILK	FAT	HEROMATE NO	MILK	FAT	MILK	FAT
1317468 11-10-56	SKDKIE P M 1126982 STATES	CREATION CHIEF.....	3543363 1-35	5-67	11	10	2.10	1	10.0	7,802	3.40	265	4	9,402	348	22%	-438	-20	
1317842 01-04-58	LAVACRES OELLA 1026263 STATES	RULER.....*	3475313 1-93	5-67		17	1.06	1	17.0	13,218	3.65	483	43	13,849	501	21%	-118	-2	
1317850 01-13-58 STUD 23-09	LAVACRES OUSTY 1205185 STATES	JO DECORATION..*	3257083 1-93	6-67	5	71	1.54	5	26.1	14,520	3.40	494	78	15,137	532	47%	-204	-15	
1318010 07-15-57	8URRILANE MONTE 1212343 STATES	CRUSAOER.....	3810168 1-82	5-67		13	1.54	1	13.0	14,336	3.41	489	12	14,349	497	22%	+19	-1	
1318021 10-06-57 STUD 91-11	8RAUNS MASTERPIECE.....*		3184976 23-21,33,35,41,42	6-67	11	412	1.60	236	2.6	13,619	3.83	522	14	14,022	509	95%	-319	+14	
1318068 12-17-57 STUD 61-02	ORMS8Y IDEAL SULTAN.....*		2628365 5-32,33,35,57,63	6-67	2	223	1.80	149	2.1	13,531	3.85	521	16	13,598	501	92%	-38	+20	
1318209 11-19-57	YANKTON GALLANT PIETJE LAO....		2955209 1-46	5-67	20	17	1.24	1	17.0	12,064	3.83	462	4	11,705	458	21%	+41	0	
1318329 02-08-58	8IROLAWN ROAMER ROCKET.....		4045577 1-35	11-63	10	10	1.10	1	10.0	13,547	3.39	459	10	14,104	469	18%	-87	-1	
1319089 01-10-58	ROYAL PABST F08ES.....*		3518335 2-23,35	5-67	0	26	2.69	3	22.2	13,623	3.46	471	10	12,221	434	31%	+396	+10	
1319560 11-07-57	GREEN CREEK AAGGIE ROMULUS - T*		3254124 1-52	5-67	24	22	1.32	6	6.2	12,344	3.50	432	21	12,950	463	41%	-262	-13	
1319758 12-28-57	STAR LEAOER LAO.....*		3366371 1-35	5-67	6	17	2.76	1	17.0	13,648	3.47	473	19	14,719	508	27%	-247	-8	
1320015 12-21-56 STUD 34-01	GLENAFTON GRAPHIC.....		011155492 7-31,32,34,55,64	6-67	19	558	1.12	334	3.7	14,201	3.44	488	18	14,167	505	95%	+110	-14	
1320114 01-21-58	OUANE ROYAL COMET MASTER.....		3296483 1-35	2-66	22	16	2.00	1	16.0	11,698	3.75	439	8	12,453	451	24%	-202	-3	
1320305 07-10-57 STUD 41-01	8 O I VARALEMP ALAN.....		3617038 4-41,42,45,46	6-67	16	253	1.36	188	1.7	12,878	3.67	473	13	13,545	486	93%	-599	-11	
1320306 07-24-57 STUD 41-01	8 D I VARIMPGOVE LAODIE.....*		3865939 1-52	6-67	6	78	2.09	9	21.9	15,600	3.59	560	36	15,046	528	55%	+395	+20	
1320310 01-23-58 STUD 23-09	EMPEROR OUKE ARCHIE.....*		3280791 3-22,23,50	6-67	5	70	1.87	22	17.5	16,279	3.56	580	15	14,742	536	55%	+928	+27	
1320362 00-00	STATES		2-41,93			21	1.38	2	19.0	17,449	3.43	599	42	16,245	569	24%	+364	+9	
1320371 10-25-56 STUD 35-75	GYPSIE LANE CONFIOEEN T.....*		3939166 2-33,74	6-67	0	33	2.91	5	23.9	13,516	3.41	461	10	13,356	455	35%	+55	+1	
1320581 11-11-57	TERRACE HEIGHTS GRAHAM JDE....		3462325 1-35	8-66	0	21	2.43	1	21.0	13,322	3.50	466	8	13,574	479	26%	-60	-3	
1321032 01-15-58	8UCHER VIEW RAG APPLE BURKE...*		3813935 3-41,45,46	5-67	14	35	1.51	6	12.3	14,793	3.28	485	10	15,315	530	43%	-138	-16	
1321092 09-19-57	RUFIS HOMESTEAD LOUIS.....		3795436 1-35	5-67	17	18	3.06	1	18.0	13,803	3.30	455	19	14,399	494	27%	-131	-9	
1321175 11-10-57	PERROTT SHAADOW VALLEY MERCEDES		3614280 1-84	5-67		17	1.06	1	17.0	13,344	3.55	474	2	13,593	490	21%	-45	-2	
1321707 03-02-58	REOFIELD PRINCE CREATION.....		3656102 1-45	5-67	30	19	1.63	3	11.0	14,087	3.57	503	7	14,787	544	31%	-169	-10	
1321885 01-26-58	ELM RIOGE OUKE 80Y.....		4117171 1-35	2-66	0	19	1.68	1	19.0	11,216	3.58	402	5	12,208	435	24%	-264	-8	
1321904 11-16-57 STUD 61-02	SMITHOLM HECTOR.....*		3776781 3-23,55,57	6-67	6	38	2.29	20	4.4	15,289	3.51	536	15	14,782	534	62%	+402	+4	
1321931 07-13-57 STUD 35-05	GLENAFTON ORAGOON.....*		010800559 3-35,41,45	5-67	3	46	2.20	37	1.3	12,583	3.65	459	14	13,621	489	74%	-749	-21	
1322043 09-23-57	KORNDYKE DUKE LEAOER.....		2585846 1-35	5-67	0	27	1.96	3	19.9	14,464	3.35	484	24	14,193	492	30%	+108	-1	
1322409 01-16-58	TUTTLE ACRES OUKE.....		3498641 1-35	5-67		18	1.17	2	16.1	11,384	3.28	373	12	12,204	440	23%	-211	-15	
1322514 02-25-58 STUD 93-05	WIS DOBER.....		3612216 2-86,93	6-67	0	21	1.00	6	6.0	16,023	3.53	565	204	16,902	609	38%	-196	-11	

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	DF	BULL	INC %	NO	REC / DAU	OF HERDS	DAU / HERD	MILK	%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
1322592 09-16-57	ELEVATION TIDY STATES	127181D 4010299 1-48	LOCHINVAR.....*	18	25	1.48	5	14.9	12,272	3.44	422	16	12,258	420	32%	-29	0		
1322764 11-12-57	SUNNYDECK HEILD STATES	1203206 316D116 1-91	MADCAP BARNEY.*	3	40	1.70	7	20.4	15,530	3.35	521	53	17,265	588	38%	-511	-21		
1322863 08-16-57 STUD 93-05	NACHES MADCAP STATES	1249795 2814144 5-43,82,86,92,93	TRANSMITTER.....*	9	76	1.37	17	19.2	15,811	3.55	561	54	15,883	561	53%	+96	+4		
1322864	.....*	6-67		0	50	1.02	15	5.8	16,030	3.56	571	83	15,806	558	60%	+279	+12	
	STATES	5-11,74,82,86,93																	
1322960 03-04-58	HILLS MASTER TY VIC.	1288851 413832D 1-35	.....*	8	15	2.40	3	5.1	13,120	3.50	459	9	12,470	444	39%	+218	+4	
1323047 01-07-58	FRIESEN SIR ROBURKE LOYAL.	1024453 3287228 5-67	.....*	6	17	1.06	5	7.8	14,494	3.55	515	10	13,185	480	30%	+390	+10	
	STATES	5-13,23,43,45,54																	
1323059 04-24-58 STUD 91-11	CARNATION PILDOT HE-MAN.	1175596 3153486 1-91	.....*	3	38	1.79	5	18.8	15,785	3.36	531	12	14,460	516	39%	+563	+7	
1323478 02-11-58	ST CRDIXCO PAYMASTER.	121388D 3433268 1-35	.....*	7	15	2.40	1	15.0	14,987	3.70	554	6	14,177	517	25%	+224	+10	
1323654 10-24-57	LEWAJDHN ROBURKE.	1024453 36D4358 2-35,41	.....*	21	19	1.89	4	13.6	14,260	3.54	505	13	13,800	494	29%	+148	+3	
	STATES																		
1323671 09-04-57	TERRACE HEIGHTS CHALLENGER.	1075789 3185721 1-35	.....*	8	15	2.67	1	15.0	15,439	3.59	555	8	13,885	512	25%	+405	+11	
1323815 04-12-57	DOLVIC F08ES CONCENTRATE.	1246450 3505773 1-35	.....*	13	24	2.13	1	24.0	13,328	3.86	515	3	13,337	498	27%	-2	+5	
1323989 12-03-57 STUD 31-02	IDEAL SKYLARK.	1226862 4241469 1-48	.....*	6	17	2.59	3	8.0	15,488	3.80	588	12	15,634	586	37%	+30	+4	
1324043 11-23-57	ALPINE DAIRY DUKE GRANO.	1024453 4225284 1-35	.....*	8	31	2.06	1	31.0	13,121	3.52	462	8	13,549	507	27%	-108	-10	
1324085 04-17-58	LAVACRES DUSTY JO PERSHING - T*	1117035 2491853 2-43,48	.....*		12	2.00	4	3.8	11,835	3.63	430	4	12,907	463	35%	-391	-11	
1324175 08-09-57	WILLARDS LEADER OLIVER.	915940 3693958 3-23,35,74	.....*	0	16	2.81	5	9.2	14,978	3.45	516	18	14,411	503	34%	+229	+5	
	STATES																		
1324328 11-21-57 STUD 48-01	THONYMA ORMSBY CAREY HEERSCHE.	11D6455 3439974 1-48	.....*	12	387	1.50	166	4.0	12,779	3.75	479	16	13,501	485	94%	-663	-5	
1324669 01-22-57	LEOGEVIEW CDMET MASTERPIECE...	1110594 3279879 1-35	.....*	8	14	3.36	2	12.1	11,472	3.55	407	11	11,709	420	28%	-112	-5	
1324766 08-11-57	STURDY OAK REVELATION MASTER..*	1230733 2318037 1-35	.....*	10	12	2.67	1	12.0	12,548	3.59	451	11	13,406	468	24%	-202	-3	
1324830 01-01-58 STUD 91-13	GLENAFTON ARGYLE.	010249530 011091003 1-93	.....*	14	98	1.15	21	14.3	14,932	3.58	535	81	15,930	578	64%	-469	-21	
1324972 04-05-58	TECHNY A B C PIETERTJE ADMIRAL*	010198998 3741833 2-41,42	.....*	33	12	1.00	4	4.5	13,798	3.80	525	8	13,424	498	28%	+108	+8	
1324992 07-05-57 STUD 35-21	FILLMORE RAVEN OESIGN.	1264447 3601430 2-13,21	.....*	4	33	2.55	9	13.4	15,529	3.60	559	9	14,888	532	44%	+351	+14	
1324999 06-27-57	JON-DE LEARENE KING.	1275410 3868173 1-35	.....*	0	14	2.71	1	14.0	13,958	3.65	509	7	14,880	549	26%	-196	-8	
1325003 08-25-57	JON-OE-CARENE.	1216958 3701174 1-35	.....*	10	11	3.36	2	9.1	15,995	3.47	555	6	14,622	517	27%	+409	+11	
1325195 11-18-57	HILL HEIGHTS MASTER LAD.	967010 3622034 1-51	.....*		13	1.00	1	13.0	14,525	3.64	528	11	14,832	557	19%	-29	-3	
1325288 01-03-58	JON PECATONICA REGAL BESSIE...	1293383 3374537 1-35	.....*	9	14	2.64	2	10.5	12,737	3.58	456	13	12,496	441	29%	+44	+3	
1325348 09-21-57	CIRCLE BAR ROAMER KAY.	1199864 4195661 1-35	.....*	33	10	2.50	1	10.0	12,553	3.91	491	13	13,334	490	22%	-174	0	
1325381 10-28-56	KRUGLAND REX MONTVIC.	1005575 2478343 1-35	.....*		11	2.18	1	11.0	12,833	3.45	443	12	13,255	504	22%	-93	-12	
1325564 11-10-57	MEISEGEIER SCOTTY KUNTZ - TWIN	1262986 2768726 1-35	.....*	4	30	2.70	1	30.0	12,403	3.77	467	12	12,621	502	28%	-82	-9	
1325565 11-10-57	MEISEGEIER SCOTTY STARLIGHT -.	1262986 2768726 1-35	.....*	0	12	2.00	2	8.6	13,649	3.55	485	16	12,303	454	27%	+329	+7	

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL	NO		REC / DAU	MILK			%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF	FAT	
1325633 02-22-58	KYLAND	CASCADE	LEADER.....* 1262613 3359684 STATES 2-23,35 5-67	11	33	2.27	2	31.0	12,150	3.44	418	10	12,371	442	29%	-90	-7	
1325667 05-24-58	WIS	ACHIEVEMENT - TWIN.....* 1189593 3111751 STATES 10-13,16,21,22,23 5-67	8	42	1.57	34	1.4	13,172	3.57	470	23	14,420	518	70%	-794	-30		
1325923 10-14-57 STUD 35-75	8RDOVKIEW	GOLDEN PATHFINDER...* 1079736 2924582 STATES 1-31 6-67	15	2.00	4	9.8	15,893	3.42	544	7	15,332	553	30%	+224	0			
1326000 01-01-58	8AUMGART	IMPERIAL PRINCE..... 1062363 3944191 STATES 2-22,35 5-67	0	16	3.13	2	14.1	12,419	3.42	425	10	12,442	445	28%	-31	-6		
1326163 07-05-58 STUD 21-10	IMPERIAL	SUNLEA BLUMINE TY-VIC 923749 3813484 STATES 2-13,21 6-67	6	164	2.27	151	1.1	14,962	3.70	553	20	14,879	530	91%	+215	+25		
1326250 01-10-57	RDSAFE	PEARL HAMILCAR.....* D10249633 D10813661 STATES 3-33,42,57 5-67	17	1.41	4	6.0	13,298	3.26	433	59	13,433	449	35%	-44	-6			
1326268 02-27-57	8URKE	COMET PABST KING.....* 1061147 3904708 STATES 2-23,35 5-67	3	41	2.63	2	39.0	16,332	3.57	583	10	14,888	531	30%	+484	+17		
1326387 10-06-57	8RANLINE	PARAGON TOPSY.....* 1218216 4412720 STATES 1-35 5-67	7	21	1.81	2	19.0	12,469	3.56	444	6	13,708	469	26%	-317	-6		
1326492 06-16-58 STUD 35-03	CARNATION	IDEAL LAD.....* 1175596 2638045 STATES 3-35,61,74 5-67	10	67	1.84	56	1.4	13,508	3.66	495	15	13,944	500	80%	-299	-2		
1326497 06-30-58	CARNATION	MARAUOER TYCODN.....* 1278455 3483639 STATES 1-35 5-67	12	17	1.82	2	9.2	14,305	3.60	515	9	15,884	541	32%	-426	-6		
1326606 05-15-58 STUD 72-01	HDWVALE	RAVEN JERRY.....* 1113350 3266194 STATES 2-13,14 6-67	18	49	1.96	20	6.5	14,202	3.84	545	16	14,989	573	63%	-391	-11		
1326649 12-08-57	JDHANNA	MAYBELLE FRIDAY..... 1033472 3524610 STATES 1-35 5-67	0	18	2.50	5	7.5	14,289	3.90	557	9	13,808	508	39%	+203	+20		
1326679 04-22-58 STUD 35-05	8URKE	8 F TRIUNE PRINCE.....* 1050848 3789940 STATES 8-33,35,57,61,84 6-67	0	36	2.00	22	6.1	14,315	3.46	496	22	14,661	527	56%	-120	-14		
1326850 10-20-55	SPEICH	BELMONT STELLA PETE.... 1013716 3485126 STATES 1-35 8-62	10	10	4.40	1	10.0	12,771	3.68	470	23	11,962	441	25%	+165	+6		
1326918 05-01-58	HILLSPRIDE	ELSIE DELLA LEADER.* 1150470 3859768 STATES 1-93 5-67	23	1.13	3	19.2	14,213	3.57	508	40	13,841	496	25%	+103	+3			
1327127 02-22-58	HICKORY	HILL JEWEL RAG APPLE.. 1024453 3197836 STATES 1-35 5-67	0	29	2.00	2	25.2	11,930	3.41	407	6	11,940	422	28%	-42	-5		
1327405 06-19-58 STUD 31-02	LAVACRES	DICTATOR DEFIANCE - T* 1204163 3399994 STATES 2-34,93 6-67	6	128	1.80	12	82.6	15,710	3.55	558	98	15,429	543	38%	+185	+8		
1327753 11-19-57	DUNN	COUNTY SYMBOL CONCENTRATE 1273720 3876741 STATES 1-35 5-67	14	2.00	1	14.0	16,621	3.24	538	4	15,347	527	24%	+352	+4			
1327814 12-18-57	AUDELL	ARISTOCRAT PROUD LAD... 1250351 4066094 STATES 1-35 8-65	7	14	2.07	1	14.0	15,465	3.38	523	22	16,173	564	24%	-100	-7		
1328197 05-21-58	CHERRYBOLD	POSCH POWER..... 1197531 3062306 STATES 2-22,35 5-67	44	1.36	3	40.1	11,928	3.61	431	5	12,427	429	27%	-156	0			
1328659 12-01-57	STEILACOOM	MODEL ROMYAK..... 1054498 2640929 STATES 1-91 5-67	0	23	1.70	1	23.0	16,295	3.52	574	3	15,332	536	25%	+284	+11		
1328752 06-20-58	DU PAGE	RIVER ROCKET MASCOT...* 1122159 4182429 STATES 2-33,35 5-67	0	21	1.29	4	7.2	14,058	3.44	484	9	12,903	461	37%	+412	+8		
1328911 06-05-57	ADMIRAL	VOYAGEUR LAD.....* 1223920 4413276 STATES 2-33,61 5-67	25	1.28	8	13.2	13,565	3.60	489	13	14,184	495	33%	-173	-1			
1328923 04-17-57	EOH	CRESCENT 8URKE..... 1253403 3724045 STATES 1-73 5-67	23	1.35	1	23.0	11,547	3.28	379	1	11,501	411	23%	-31	-8			
1329003 04-14-58	ELMOKA	JERRY.....* 1240638 2844742 STATES 1-41 5-67	14	13	1.62	1	13.0	12,109	3.86	467	4	13,509	500	22%	-297	-6		
1329313 12-14-57	DES PLAINES	SENATOR RAG APPLE.* 1024453 3513560 STATES 1-35 5-67	0	23	3.13	1	23.0	13,298	3.38	449	8	11,955	425	29%	+344	+5		
1329332 01-03-58	HEARTWOOD	ANTHONY ROWAYNE.....* 1313355 4354500 STATES 2-35,41 5-67	8	13	2.08	2	11.1	14,078	3.64	512	11	13,280	498	25%	+198	+4		
1329588 12-24-57 STUD 33-03	OATS	FARM GALLANT RAG APPLE...* 1024453 3693720 STATES 39-21,23,33,35,41 6-67	9	631	1.05	430	2.6	15,072	3.56	537	15	14,869	536	96%	+341	+6		
1329589 05-10-58	OATS	FARM GREAT RAG APPLE..... 1024453 4420848 STATES 2-33,88 5-67	0	18	1.11	2	16.1	15,470	3.64	563	12	16,164	581	22%	-92	-1		

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF SULL	REC / OAU		NO	MILK			%	FAT	HERDMATE ND	AVERAGES MILK	FAT	OF SIRE SUMMARY	OFF MILK	FAT	
1329686 01-02-58 STUO 41-01	M V 8 A 1064738 STATES	ROXANNE 3260026 5-41,42,45,46,47	PDSCH BENJAMIN 6-67	10	155	1.34	113	2.1	13,101	3.69	484	15	13,473	483	88%	-316	+1
1330023 02-27-58	CEOAR 1280229 STATES	SHAOE 4001612 1-23	SDVEREIGN 8LACK... 5-67		10	1.60	2	8.2	12,135	3.80	461	1	12,475	453	23%	-95	+1
1330361 07-25-58	WIS 1189593 STATES	ATDM SYM8DL..... 3825631 1-33	* 5-67	0	23	2.00	6	7.4	13,972	3.56	497	14	14,179	522	42%	-51	-8
1330362 07-28-58 STUO 93-10	WIS 1189593 STATES	DIRECTDR..... 3255088 1-93	* 6-67		17	1.53	7	4.0	16,208	3.36	544	32	15,977	564	40%	+199	-4
1330597 08-11-58 STUD 35-75	MAVIEW 1094305 STATES	SIR MAPLE PILDOT..... 2978190 2-21,55	* 6-67	5	41	1.83	18	3.9	15,737	3.69	581	20	14,857	541	63%	+651	+29
1330701 06-21-58 STUD 35-05	RUSSINWDDO 10237756 STATES	SULTAN..... 3050302 5-33,35,41,42,57	* 6-67	6	76	1.67	54	2.0	12,777	3.48	445	16	13,187	481	80%	-339	-28
1330918 05-19-58 STUO 41-01	8 O I 1087974 STATES	PAUL8UAL 3865938 1-52	OLIVER.....* 6-67	9	71	1.90	6	22.9	15,077	3.44	518	40	15,062	529	51%	+94	-2
1330936 10-16-57 STUO 93-05	VER800N RAVEN 1113350 STATES	LAODIE..... 3832324 4-82,86,91,93	* 6-67	8	304	1.37	32	43.8	16,370	3.60	589	147	16,578	593	70%	+80	+5
1330966 11-02-57	8DNHEUR PA8ST 910991 STATES	NEPTUNE..... 3987005 1-35	* 5-67	4	26	2.58	1	26.0	11,179	3.60	403	8	11,482	401	28%	-135	-1
1330981 06-22-58 STUD 23-11	SKOKIE REGENT 1288610 STATES	OUKE..... 3235817 3-22,23,41	* 6-67	4	157	2.37	102	2.2	14,373	3.74	538	15	13,786	510	90%	+567	+27
1330982 07-04-58	SKDKIE DUKE 1288610 STATES	GERRY..... 3785644 1-35	* 5-67	11	19	1.32	1	19.0	12,641	3.47	439	15	13,905	494	22%	-269	-11
1330987 07-25-58 STUO 33-03	SKDKIE FAMDUS 1288610 STATES	DUKE..... 2878339 35-23,33,34,35,41	* 6-67	7	468	1.25	341	1.9	14,911	3.71	553	17	14,368	518	96%	+616	+36
1330988 08-23-58	SKDKIE CDMET 1288610 STATES	DUKE..... 3080253 3-23,33,35	* 5-67	9	11	1.64	4	5.0	11,456	3.72	426	15	12,877	473	29%	-428	-13
1331007 02-11-58	WAL-EL MDNTVIC 1054406 STATES	DANDY CURTISS..* 3618426 1-35	* 5-67	13	25	1.84	1	25.0	14,100	3.38	476	13	14,634	502	25%	-102	-5
1331326 08-21-58	STAUFFLAND 1253280 STATES	HOMESTEAD LEADER... 4022306 1-35	* 5-67	0	16	1.56	1	16.0	11,328	3.62	410	2	12,829	445	23%	-350	-8
1331376 08-03-58	PECATONICA 1287168 STATES	PRILLY CORDNA.....* 3701480 1-35	* 5-67	0	12	2.17	6	3.1	12,124	3.64	441	12	12,817	461	38%	-279	-7
1331390 02-26-58	BRAUNS LEADER 915940 STATES	8ILL.....* 3188644 4-43,48,61,73	* 5-67	0	12	1.17	7	2.8	14,060	3.56	501	19	13,655	500	33%	+145	+1
1331428 01-28-58 STUD 33-03	KING DRMS8Y 934577 STATES	DS8DRNDALE.....* 2475925 30-21,23,33,34,35	* 6-67	8	264	1.81	212	1.6	14,246	3.61	514	16	14,089	511	94%	+215	+5
1331680 05-14-57	ALTURA RD8ESS 1212911 STATES	LILLIAN REX - TW 3329454 1-35	* 5-67	11	19	2.32	1	19.0	13,249	3.72	493	6	13,162	490	26%	+17	+1
1331688 06-11-58	AUDELL ARISTDCRAT 1250351 STATES	RUE STANDOUT 3808138 1-35	* 11-64		15	2.13	1	15.0	15,580	3.52	548	9	14,685	548	24%	+246	+1
1331709 08-28-58 STUD 35-75	KYLANO PREMIER 1262613 STATES	SEGIS LEADER...* 3672478 4-31,34,35,64	* 6-67	8	24	2.04	7	8.2	16,943	3.33	564	11	14,805	518	43%	+975	+21
1331852 12-09-57	ST CRDIXCO 1213880 STATES	PRIME SENSATION.... 4132768 1-35	* 8-65	0	14	2.00	1	14.0	14,883	3.57	531	11	14,589	533	24%	+98	+1
1331966 04-05-58	HABERDALE CHOICE 1237666 STATES	DANOY..... 3594188 1-35	* 2-66	0	15	2.73	1	15.0	14,573	3.56	519	11	14,825	543	26%	-26	-4
1331974 01-03-58	LYDN 8RDDK 1190632 STATES	WALLIE CAPPER.....* 4182218 1-31	* 5-67	13	39	1.92	4	12.5	13,034	3.66	477	4	13,423	474	47%	-178	+1
1332209 08-06-58	CHRISTY COMPETIDR 1265747 STATES	.....* 3655344 1-35	* 5-67		13	1.46	2	9.6	16,539	3.36	556	17	16,465	587	24%	+94	-4
1332212 07-19-58	CHRISTY HOMESTEAD 1141851 STATES	STYLISH - TW* 3655354 1-35	* 5-67	40	18	1.83	1	18.0	10,567	3.66	387	5	11,260	415	24%	-214	-7
1332483 04-26-58	AODHR GOLDEN 1215448 STATES	MARSHALL.....* 3802945 1-93	* 5-67		23	1.13	3	19.2	12,904	3.66	472	21	14,150	496	25%	-286	-5
1332578 08-29-58	WIL8EN RAG 1288851 STATES	APPLE MASTER..... 4224732 1-35	* 8-65	0	10	2.80	1	10.0	14,526	3.39	493	19	14,495	522	24%	+34	-5
1332864 10-15-57	WDDDALE POSCH 1165194 STATES	GRANDMASTER.....* 3975581 1-51	* 5-67		11	1.27	1	11.0	13,184	3.56	469	14	13,303	488	20%	-23	-3

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HERDMATE AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO DIFF	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	NO	MILK	FAT		MILK	FAT	
1333093 07-09-58	WELSERS PEARL STATES	PIETJE.....* 1029659 1-34	5-67	10	1.40	1	10.0	14,213	3.46	492	14	14,073	483	20%	+41	+2	
1333400 02-20-58	EOH AJAX TRIUNE STATES	PIEBE.....* 1201303 3710977 2-48,73	5-67	11	1.27	8	1.5	14,060	3.23	454	13	12,877	436	36%	+403	+5	
1333423 04-25-58	H000 KROFT AAGGIE STATES	.....* 1231982 3850597 1-11	5-67	4	34	1.03	3	17.4	15,885	3.42	544	25	14,651	545	33%	+455	+2
1333495 05-26-58	TUTTLE ACRES STATES	R R OALE.....* 1265166 3498640 1-35	5-67	0	11	2.45	1	11.0	14,661	3.59	533	11	14,672	517	24%	+76	+4
1333526 01-11-58	CASH-MAR JERRY STUD 61-C2	HEAOLINER.....* 1138441 3154948 15-31,32,33,35,73	6-67	5	127	1.35	84	2.2	13,349	3.59	479	18	14,082	506	86%	-564	-20
1333644 10-02-58	PA8ST OUK SENATOR STATES	.....* 1249424 3193126 1-35	5-67	4	23	1.83	1	23.0	15,390	3.42	527	26	13,795	494	25%	+416	+9
1333705 07-23-58	RICH-HERO TEXAL STUD 35-21	DOUBLE.....* 1295307 4307922 2-41,47	6-67	12	68	1.88	10	25.1	15,811	3.88	613	29	16,419	575	48%	-143	+22
1333723 03-17-58	SHAQY MEAOW STUD 61-02	IDEAL EX.....* 1013415 3671396 4-23,31,33,61	6-67	0	26	1.65	5	12.6	15,662	3.59	563	15	16,233	571	36%	-102	0
1334006 11-14-57	DURALYNE DICTATOR STATES	JERRY.....* 1204163 4018874 1-35	5-67	16	2.44	1	16.0	13,515	3.38	457	18	13,167	458	25%	+83	0	
1334055 02-02-58	CANAAN ROBURKE STATES	AJAX.....* 1171797 4418428 1-57	5-67	22	15	1.40	1	15.0	13,168	3.70	487	6	13,233	467	22%	-16	+4
1334640	.....*	.....* 0-00	0-00	12	1.08	2	10.1	12,777	3.47	444	11	12,554	444	21%	+30	0	
1334641 05-28-58	GRAY VIEW SKY STUD 72-01	SUCCESSOR.....* 1244845 2981945 1-42	6-67	3	36	2.06	4	13.1	15,721	3.70	581	14	14,927	557	45%	+431	+14
1335627 06-15-58	COUNTRY OIGNITY STATES	HARTOG JOE.....* 1257762 4141897 2-35,87	5-67	4	23	2.22	2	17.7	16,189	3.69	597	14	14,333	540	30%	+594	+19
1335721 01-01-58	VIGO COMRAOE STUD 35-21	.....* 959466 3188406 1-35	6-67	9	34	1.71	22	4.9	14,701	3.64	535	13	14,180	519	55%	+334	+11
1336320 06-11-58	STAR PLAIN VIEW STUD 35-75	PROFILE.....* 1169417 3071675 2-35,41	6-67	0	18	2.61	6	5.1	15,457	3.84	593	10	15,235	586	44%	+178	+7
1336585 11-18-58	PRINCE PRILLY STATES	PILGRIM.....* 1220257 3607758 1-48	5-67	36	1.81	2	18.5	11,852	3.71	440	8	12,158	441	38%	-161	-1	
1336659 07-27-58	CARNATION IDEAL STUD 87-01	PRINCE.....* 1175596 4051117 3-82,87,91	6-67	21	1.43	6	12.4	13,783	3.61	497	13	14,172	496	31%	-93	+1	
1337070 09-08-58	AUOELL ARISTOCRAT STATES	PONTIAC LEO.....* 1250351 3202104 1-35	5-67	18	13	1.46	2	8.3	14,730	3.41	503	8	15,103	504	27%	-52	0
1337218 10-04-58	GENE ACRES CHEVRON STATES	STAR.....* 1295796 3807441 1-35	5-67	27	16	2.00	2	14.1	13,118	3.48	457	16	13,300	459	25%	-46	0
1337645 02-12-58	MEADOWSWEET STATES	SUPREME CRUSAOR.....* 1179373 3697631 1-35	5-67	22	11	2.73	1	11.0	13,199	3.76	496	17	14,748	533	24%	-336	-7
1337655 09-29-58	TAVERN ROYAL STATES	JUPITER.....* 1232453 2572354 1-12	5-67	0	11	1.82	2	6.6	14,467	3.58	518	6	12,761	472	27%	+451	+12
1337711 09-28-57	R & L LOPEZ KING STATES	.....* 1255434 3317594 1-48	5-67	21	33	1.42	1	33.0	12,398	3.48	432	12	12,911	456	25%	-136	-6
1337741 02-20-58	NACHES HOOGLANO STUD 23-09	FLASHY 80Y.....* 1249795 3765729 3-23,50,81	6-67	6	46	1.89	12	9.0	16,435	3.47	570	14	15,061	527	57%	+876	+27
1337973 11-11-56	ELK RIOGE JULIA STATES	NORA CHIEF.....* 1252654 3505522 1-35	5-67	10	18	2.72	2	9.4	13,713	3.49	479	10	13,012	470	36%	+237	+3
1338072 03-29-58	SILVER TIOY OUNLOGGIN STATES	PINKY.....* 1189679 4063951 1-55	5-67	0	31	1.87	6	20.4	15,497	3.69	572	23	13,889	515	33%	+547	+20
1338519 12-13-57	PIEBE WHITE CLOUD STATES	8URKE.....* 1062763 3580604 1-52	5-67	15	1.27	1	15.0	10,636	3.62	385	2	12,943	464	21%	-492	-16	
1338728 03-03-58	MAYERS OUK MAJESTY STUD 31-02	F08ES.....* 1293580 3480321 3-23,31,51	6-67	9	132	2.28	25	21.9	15,330	3.99	612	17	15,232	578	68%	+194	+29
1336918 09-06-58	STUROY OAK BUTTER STATES	BOY CHARMING.....* 1292438 4047019 1-35	5-67	13	24	2.63	1	24.0	14,483	3.41	494	18	14,847	503	28%	-59	-1
1339212 11-16-57	SIR CARNATION STATES	SUE LAURA HEILO.....* 1237666 2875605 1-35	5-67	14	18	1.94	1	18.0	12,133	3.68	446	17	14,272	503	25%	-505	-13

HOLSTEIN

108

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF
NUMBER	NAME	OF BULL	REC / OAU		MILK	%			FAT	HERDMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	MILK	FAT	
1339464 03-10-58 STUD 51-02	CHINOOK FURY 1207343 STATES 1-91	HAL.....*	14	28	1.96	4	10.0	17,001	3.55	604	15	16,042	578	43%	+523	+15
1339530 12-16-57	LYMAR DONN RAVEN.....*	1275577 STATES 1-35	7	14	2.36	3	7.0	13,728	3.82	524	9	13,680	533	33%	+26	0
1339576 10-03-58	MERCEDES OLLIE NORTON.....*	1177921 STATES 1-35	24	36	1.64	2	34.0	10,812	3.37	364	9	11,206	377	27%	-163	-5
1339836 05-15-57 STUD 35-05	SANGARO RAVEN STANLEY.....*	1113350 STATES 2-87,93	2	70	1.50	6	56.8	18,310	3.42	626	138	17,546	621	31%	+361	+6
1340047 09-04-58	GRAY VIEW SKY HEARTED - TWIN..*	1244845 STATES 1-35	6	18	2.89	1	18.0	13,055	3.53	461	14	12,517	436	27%	+123	+5
1340377 03-31-55	KAULANO CAPTAIN PRIOR.....*	934021 STATES 1-35	0	11	4.27	1	11.0	14,003	3.43	481	21	13,669	481	26%	+94	0
1340562 10-21-58 STUD 35-21	CAL-CLARK ROMEO REBEL.....*	1310334 STATES 1-93	0	63	1.68	3	32.4	17,142	3.70	634	12	16,704	618	41%	+313	+12
1340824	.....*	0-00	0	12	1.00	1	12.0	10,848	3.76	408	2	10,353	379	19%	+36	+3
1340841 09-20-58	CHESTER HOME COMET SOVEREIGN..*	1070036 STATES 1-35	10	20	2.35	1	20.0	9,926	3.80	377	19	11,694	428	26%	-506	-14
1340861 09-02-58 STUD 35-05	ST CROIXCO DE KOL ROCKET.....*	1171453 STATES 2-35,42	11	31	2.39	2	29.0	14,349	3.78	542	8	13,673	519	29%	+204	+8
1340872 10-19-58	KAYTEE BUCK.....*	1323044 STATES 1-35	12	32	1.78	1	32.0	12,894	3.44	443	6	13,950	512	26%	-256	-16
1340924 09-20-58	COLO SPRINGS JACK OF DIAMONOS.	1176905 STATES 1-35	8	12	2.08	1	12.0	15,926	3.05	486	6	15,333	568	23%	+182	-16
1341149 11-01-58 STUD 31-02	JEWELHOLM SUPREME CYCLONE.....*	1241487 STATES 6-13,14,16,31,43	0	32	1.84	14	6.2	16,521	3.40	561	17	15,527	556	52%	+631	+6
1341457 10-12-58	SNEEN JAY EMPEROR.....*	916471 STATES 1-35	0	12	2.50	1	12.0	12,972	3.57	463	16	12,174	445	24%	+160	+3
1341562 10-15-58	WIS DYNAMIC MASTERPIECE.....*	1192327 STATES 1-42	21	26	1.54	1	26.0	11,266	3.57	402	43	11,740	421	25%	-155	-5
1341571 10-12-58	WIS PHANTOM.....*	1292880 STATES 4-43,87,88,93	23	23	1.04	6	7.3	15,221	3.94	600	32	14,442	519	38%	+335	+32
1341636 09-15-58	MAYERS DUKE MAJESTY TOPPER....*	1293580 STATES 1-32	18	18	1.61	3	14.3	16,845	3.81	642	14	15,481	563	27%	+421	+23
1341697 09-09-57	LARKFIELD LUCY CHIEF.....*	1265469 STATES 1-32	4	53	1.58	4	20.2	13,923	3.57	497	5	13,148	463	44%	+334	+14
1341782 05-20-58	SUNNYSIDE LAOY SIR ROBURKE....*	1024453 STATES 2-34,35	0	14	2.36	2	12.1	12,909	3.36	434	16	13,389	469	26%	-123	-9
1341786 07-11-58	PINEHURST ADMIRAL CYCLONE.....*	1211333 STATES 1-35	3	35	2.06	1	35.0	13,900	3.37	469	23	13,859	468	27%	+25	0
1341940 01-19-58	MEISEGEIER C J SEELEY VAR.....*	1262986 STATES 1-35	8	16	3.19	1	16.0	13,247	3.82	506	7	12,863	504	27%	+89	+1
1341975 11-08-58	ROBTHOM SOVEREIGN F08ES.....*	1116365 STATES 4-43,48,61,71	0	23	1.30	7	6.3	14,178	3.55	503	18	14,920	531	42%	-242	-9
1342072 10-22-58 STUD 23-09	SEQUOIA JO PILOT.....*	1094305 STATES 1-93	17	32	1.34	6	19.9	17,206	3.64	626	37	16,804	605	32%	+239	+10
1342656 01-30-59 STUD 72-01	ELM-BECCA RAG APPLE LARRY.....*	1189870 STATES 3-23,51,52	5	44	1.36	14	12.0	14,203	3.91	556	12	15,247	584	48%	-413	-8
1342663 07-12-58	PA8ST LEA0ER DUKE LOUIS.....*	1249424 STATES 1-35	10	30	2.00	1	30.0	12,185	3.42	417	12	11,905	432	26%	+36	-4
1342713 11-14-58	CHRISTY PHARAOH.....*	1265747 STATES 1-35	36	11	1.18	1	11.0	13,516	3.47	469	5	14,185	521	19%	-111	-8
1342825 07-02-58	MAYERS DUKE CORPORAL.....*	1293580 STATES 1-35	5	44	1.84	1	44.0	11,566	3.62	419	7	12,315	464	27%	-226	-12
1342833 11-13-58	MAYERS DUKE SIR JAMES.....*	1293580 STATES 1-42	8	27	1.26	4	9.2	14,648	3.60	528	16	14,886	548	40%	-33	-5
1343119 11-14-58	EL-GAR PROFILE ROMEO.....*	1252139 STATES 1-35	0	12	2.17	1	12.0	12,097	3.59	434	7	11,993	445	23%	-6	-3

REGISTRATION				INC %	DAUGHTERS		ND OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
1346863 10-01-58	WILLARDS PRIMO 1305613 STATES	CYCLONE..... 3643847 2-35,74	32 5-67	28	1.64	3	22.5	14,042	3.27	459	21	14,053	495	29%	+17	-9	
1347024 10-14-58	KNOLLSIDE MODEL 1232129 STATES	PABST ELMER -.. 3820267 1-41	- 5-67	27	1.93	1	27.0	11,639	3.39	395	3	12,949	451	26%	-350	-14	
1347065 10-28-58 STUD 35-21	PAWNEE FARM 1322381 STATES	REFLECTION SUPREME 3922839 7-35,41,42,43,47	14 6-67	267	1.27	136	3.6	14,134	3.52	497	16	14,161	513	91%	+49	-11	
1347112 01-31-59 STUD 35-21	ELKHART FONO 1250992 STATES	MARMAOUKE..... 4055581 2-42,47	8 6-67	45	1.89	24	3.6	14,821	3.54	525	22	14,262	501	67%	+434	+17	
1347179 10-01-58	MAYDIK RDBURKE 1170910 STATES	GRAND DUKE..... 4045131 2-35,42	8 5-67	19	1.95	2	9.7	12,802	3.40	435	7	13,188	449	34%	-138	-5	
1347246 01-26-59	RICHD PROFILE 1169417 STATES	TIDY JOE..... 3825986 1-35	0 8-66	11	1.91	1	11.0	12,913	3.62	468	21	13,103	460	22%	-47	+1	
1347365 10-05-58	PDPLAR 8END 1246724 STATES	SKOKIE KING..... 3710364 1-35	0 2-66	10	2.20	1	10.0	11,895	3.74	445	2	13,386	479	22%	-328	-7	
1347448 11-18-58 STUD 91-11	VERPANA FARM 1250772 STATES	REGENT MARK.....* 3192525 1-35	0 6-67	19	2.32	5	8.3	15,615	3.73	582	19	15,814	578	38%	+18	+5	
1347778 12-12-56	KRACHT 8LACK 1182598 STATES	BOY..... 3334541 1-42	5-67	16	1.44	1	16.0	14,065	3.78	532	4	13,463	495	22%	+136	+8	
1348120 02-25-58	MAPLE AVE ADMIRAL 1245674 STATES	RECO COMET.. 3662226 1-35	0 8-64	10	2.50	1	10.0	14,782	3.19	471	20	14,406	489	23%	+110	-3	
1348175 11-25-58	NOWISCD 1246053 STATES	PERFECTION OICK..... 3410258 1-35	0 5-67	18	1.89	1	18.0	13,999	3.89	544	11	14,120	533	24%	-10	+4	
1348259 11-13-58 STUD 21-10	AIRYTOP SIR 1102436 STATES	SEELY PABST ORLO..* 3304894 2-13,21	5 6-67	134	2.38	123	1.1	15,585	3.55	554	20	14,756	527	90%	+871	+28	
1348420 01-02-59	F08ES MOONLIGHT 1166103 STATES	OALE RDAMER...* 3665685 2-22,35	0 5-67	19	2.37	4	6.0	13,001	3.42	445	12	12,849	467	43%	+44	-9	
1348567 05-27-58	MAOCAP ROAMER 1291275 STATES	MAOCAP..... 3464637 1-35	22 2-66	10	1.10	1	10.0	13,486	3.46	467	14	13,266	451	18%	+38	+2	
1348764 12-04-58	CHERRY HILL 1070198 STATES	SARCASTICAL JESS.. 3657683 1-35	5 5-67	47	1.68	2	45.0	13,122	3.58	470	11	14,564	540	27%	-358	-17	
1348914 12-12-58	MIDLANE 8ANNER 1224047 STATES	CHIEF..... 4338927 1-35	0 5-67	13	1.15	1	13.0	11,488	3.86	443	9	11,394	432	20%	-19	+1	
1348995 STATES	..... 1-23	..... 0-00	0-00	10	1.00	1	10.0	13,452	3.63	488	20	14,335	523	18%	-138	-5
1349014 10-12-58	NACHES OARK MASTER - 1249795 STATES	TWIN.....* 3393128 2-82,91	0 5-67	11	1.36	4	6.0	14,509	3.34	484	15	12,847	448	26%	+422	+8	
1349029 03-01-59 STUD 35-21	RAYMAU HEADMASTER.....* 1181068 STATES	..... 3125930 3-11,14,35	4 6-67	70	1.53	18	11.4	16,568	3.75	621	15	15,852	596	62%	+594	+22
1349055 04-04-58	EGWANULTI DDU8LE 8 1071565 STATES	ECHD..... 4146447 1-55	0 5-67	11	1.55	5	2.8	13,823	3.47	479	13	12,783	455	34%	+330	+7	
1349179 06-22-58	RDSENHOLM VIGO 1265809 STATES	TOPPER..... 2914371 1-35	4 5-67	28	2.21	1	28.0	12,074	3.41	412	6	12,842	425	27%	-221	-4	
1349217 11-27-58	QUARR HEIGHTS 1179373 STATES	BURKE CRUSAOER.. 4092910 1-35	16 5-67	20	2.20	1	20.0	12,614	3.39	428	8	12,937	491	25%	-92	-15	
1349319 12-21-58 STUD 21-10	8AYFIELD OUN 1148087 STATES	TY NICHOLAS.....* 4108414 5-11,12,13,14,16	8 6-67	187	1.30	102	3.1	14,976	3.63	544	17	14,172	532	89%	+785	+15	
1349520 01-24-59	RAVENGLEN TRIUNE 1297169 STATES	CAVALIER.....* 3534305 6-13,21,31,35,42	7 5-67	22	1.55	15	2.0	14,689	3.40	499	14	14,589	531	52%	+117	-13	
1349544 12-01-58	L STABLES L A 1295577 STATES	COMET..... 4140888 1-35	0 2-66	23	2.22	1	23.0	12,656	4.22	534	7	13,485	536	26%	-214	+1	
1349625 09-28-58	MAN-O-WAR 8 F 1188731 STATES	CRESCENT OESIGN.. 3528269 1-35	18 5-67	11	1.91	1	11.0	9,832	3.94	387	5	12,289	450	22%	-558	-14	
1349651 06-01-58	ELLINGSDALE 1288823 STATES	ROCK FERN..... 3796655 1-35	0 5-67	13	2.15	1	13.0	13,461	3.67	494	3	13,263	474	24%	+45	+5	
1349678 02-01-59 STUD 35-21	CARNATION RDYAL 1305460 STATES	PROMISE.....* 4291800 2-35,42	3 6-67	30	2.17	4	24.4	15,143	3.63	550	7	14,794	559	31%	+152	0	
1349680 02-06-59 STUD 91-11	CARNATION RDYAL 1305460 STATES	TOPMAN.....* 3406285 2-42,91	9 6-67	47	1.70	3	43.1	16,022	3.73	598	14	15,238	566	28%	+274	+11	

111

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED OFF	
NUMBER	NAME	OF BULL	REC / OAU		MILK	%			FAT	HERO	MILK	AVERAGES	OF SIRE SUMMARY	MILK	FAT		
1349691 05-06-58 STUO 31-02	GRAYVIEW 1244845 SKYHIGH..... 3882120 STATES 5-41,42,43,88,93	12	147	1.60	10	122.2	14,951	3.44	515	158	15,716	560	32%	-166	-11		
1349742 02-18-59	OI88LE CRESCENT 1256987 FO8ES CRUSAORER 3941882 STATES 4-33,35,42,73	8	26	1.73	11	6.8	13,532	3.61	489	12	14,200	528	46%	-267	-15		
1349786 10-22-58	80I HULCOMAUTE 964278 CHU8..... 4115907 STATES 8-21,22,23,33,34	17	15	1.40	14	1.1	13,979	3.41	477	14	14,033	503	46%	+6	-10		
1349799 10-22-58	PAULSEN VIEW 1087246 HOLCOM8E LEAORER.. 3556312 STATES 2-22,35	9	40	2.03	3	36.1	10,200	3.36	343	8	11,722	402	29%	-493	-19		
1350115	STATES 1-52	6	17	1.00	1	17.0	10,858	3.51	381	3	12,626	404	20%	-371	-5		
1350365	STATES 1-47		10	1.00	1	10.0	14,625	3.62	529	11	12,998	484	18%	+282	+8		
1350414 03-06-59 STUO 35-75	HEERSCHE REFLECTOR 1298430 COUNT..... 3555057 STATES 2-43,48	0	37	1.68	4	22.2	14,790	3.85	570	18	14,431	550	35%	+162	+9		
1350463 03-12-59 STUO 33-03	LAVACRES OAWN 1291500 MERRIMAC..... 4151544 STATES 3-23,35,93	13	22	1.64	4	15.0	14,826	3.60	534	19	15,050	546	30%	-15	-1		
1350699 03-27-59	MAYERS OUKE PRINCE 1293580 PEARL..... 3309700 STATES 6-23,31,33,35,42	8	28	1.54	11	10.7	12,587	3.65	459	11	13,553	499	40%	-377	-14		
1350701 03-13-58	MAYERS OUKE COLANTHA 1293580 ROME0..... 3384627 STATES 3-35,41,86	21	17	2.18	7	4.5	13,222	3.54	468	16	14,777	551	42%	-597	-31		
1350767 06-23-53 STUO 35-05	LOCHINVAR HIGH 010143943 POINT MONTY.... 010451690 STATES 7-21,22,23,35,41	10	52	2.27	43	1.3	15,506	3.46	536	15	13,730	494	77%	+1389	+33		
1350848 10-22-58 STUO 21-10	HIGH MEA00W FARM 929962 SIR GALLAHAD. 4290431 STATES 4-13,16,21,23	5	97	1.86	90	1.1	15,823	3.43	542	18	14,915	534	86%	+911	+11		
1350959 01-30-58	ANOY ZORO ORMSBY..... STATES 3210408 2-66 1-35		13	1.54	2	11.1	13,082	3.40	445	13	13,585	489	23%	-111	-9		
1351053 05-29-58	HENRY COUNTY 1272045 BURKE OLLIE..... 3846395 STATES 1-42	0	18	1.33	1	18.0	13,584	3.35	455	3	14,356	493	22%	-148	-7		
1351224 03-21-58	GLENAFTON ALLURE..... STATES 010249530 011007173 5-67 1-41	14	24	1.29	2	22.0	13,664	3.47	474	6	13,496	477	24%	+44	0		
1351252 05-12-58	INWOOD ORMSBY 1287964 STATES 3652476 5-67 1-35	10	20	2.25	1	20.0	13,846	3.55	492	10	13,527	488	26%	+87	+1		
1351290 02-22-59	CLARK-HO PROFILE 1169417 MIKE..... 4023373 5-67 STATES 1-35	13	15	1.93	2	11.5	13,004	3.61	470	28	14,830	529	27%	-456	-14		
1351431 11-01-58	RAINBOW OX 80W 1299813 SIXTEEN A..... 4129589 5-67 STATES 1-34	6	22	1.36	1	22.0	13,486	3.54	477	7	13,704	476	23%	-41	0		
1351905 10-25-58	FERTILE MEA00WS 1265747 MAGIC MERIT... 3467812 5-67 STATES 1-35	13	27	2.26	1	27.0	16,552	3.62	600	21	16,683	602	27%	+55	+3		
1352003 02-03-59	MITCHELL REGAL 1169417 PROFILE..... 3723494 2-66 STATES 1-35	9	14	1.79	1	14.0	11,124	3.78	420	22	13,232	463	23%	-487	-9		
1352043 09-03-58	HAYES HAVEN RAVEN 010242802 FINELL..... 010718535 5-67 STATES 1-41	10	30	1.87	3	26.2	10,521	3.91	411	20	11,225	446	28%	-256	-10		
1352236 06-22-58	ORMSBY PA8ST 1309345 LEAORER PRI0E..... 4328783 5-67 STATES 1-35	14	23	1.87	1	23.0	11,504	3.53	406	9	11,947	440	25%	-146	-9		
1352358 03-31-59 STUO 33-03	ATHLONE ADMIRAL 1179373 COCHISE..... 3913726 6-67 STATES 21-21,23,33,35,41	10	93	1.41	80	1.3	13,953	3.64	508	13	14,117	513	83%	-72	-1		
1352707 05-03-59 STUO 35-05	CARNATION ROYAL 1305460 COUNT..... 3700610 6-67 STATES 3-33,35,41	13	68	1.75	42	2.2	14,008	3.52	493	16	13,975	506	78%	+74	-8		
1352751 03-21-59 STUO 35-21	GRAY VIEW REFLECTOR 1298430 PANSY..... 4216791 6-67 STATES 1-41	19	27	2.19	1	27.0	14,013	3.73	523	8	14,214	537	27%	-30	-1		
1352810 01-20-59	COOLIOGE KORNOYKE 1288139 ORMSBY OON E 3527108 5-67 STATES 1-86	0	16	1.19	2	14.1	15,188	3.38	514	12	14,567	516	22%	+165	0		
1352927 02-26-59 STUO 48-01	VALLA VISTA 1106455 NETHERLAND CAREY.. 4425760 6-67 STATES 2-48,71	8	83	1.47	55	2.0	14,346	3.46	497	15	13,501	478	81%	+692	+15		
1352953 12-31-58 STUO 61-02	KEYSTONE IOEAL 1013415 PIONEER..... 3473274 6-67 STATES 3-31,55,74	7	49	2.67	11	10.1	16,391	3.78	619	41	16,303	601	59%	+227	+17		
1352967 12-02-58 STUO 33-03	SKOKIE MISTER 1298378 DESIGN..... 2760877 6-67 STATES 26-21,23,32,35,41	15	240	1.35	199	1.4	13,649	3.62	494	15	14,064	507	93%	-318	-9		

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRED DIFF MILK FAT	
NUMBER	NAME	OF SULL	REC / DAU		MILK	%			FAT	HERDMATE ND	MILK	FAT	FAT	MILK	FAT		
1352968 01-30-59 STUD 33-03	SKOKIE 1298378 STATES	BLACK 3425213 2-33,35	MAGIC.....*	10	1.20	2	5.8	13,530	4.18	565	28	14,291	547	24%	-158	+6	
1353088 12-23-58	UTAG 1239242 STATES	SKYLARK 3844105 1-87	CDRINNE COUNT....	40	1.20	2	32.8	14,233	3.22	458	26	13,719	447	27%	+150	+2	
1353129 04-16-58	LEADER 1230109 STATES	DLIVER 3758773 1-35	PIETERTJE.....	27	14	2.36	1	14.0	14,075	3.33	469	1	13,969	494	24%	+41	-5
1353134 01-13-59	DISTINCTION 1175596 STATES	DRDGA 3818536 1-35	PILOT.....	0	15	2.33	3	9.9	14,311	3.73	534	26	14,674	529	31%	-70	+3
1353247 02-06-59	ELM 1295570 STATES	RIOGE 4134688 1-35	REBELER PIONEER.....	14	24	1.92	1	24.0	13,040	3.35	437	8	13,395	458	26%	-89	-5
1353261 09-10-58 STUD 23-11	SKOKIE 1288610 STATES	DUKE 3913641 3-21,22,23	DAN8ORD.....*	9	71	1.31	46	2.3	13,872	3.65	506	27	14,943	551	76%	-695	-28
1353294 05-12-58 STUD 41-01	M V 1167510 STATES	8 A 2958623 5-41,42,45,46,48	PRESTO MAIO BRUCE.....	6	130	1.65	98	1.7	13,674	3.58	489	14	13,394	477	88%	+249	+10
1353333 05-01-57	EORDEX 1271417 STATES	HOMESTEAD 3869719 1-35	IMPERIAL...	9	11	2.36	1	11.0	10,199	3.55	362	10	11,039	371	23%	-241	-4
1353468 02-07-59	PRIODELL 1277832 STATES	OICTATOR 4249664 1-32	CREATOR JOE...	0	11	1.64	1	11.0	9,912	4.21	417	7	10,834	425	21%	-243	-2
1353519 01-27-59	VIGO 915940 STATES	SIR LEADER 3103540 4-35,46,61,65	COMET.....*	0	18	2.28	7	6.2	14,559	3.41	497	10	13,545	495	40%	+414	+1
1353595 02-02-59	REEOER 1195221 STATES	MEAOE 4323017 1-51	WIS SPARKIE.....*	6	19	1.21	3	13.7	12,579	3.20	403	8	12,822	450	26%	-76	-12
1353764 11-21-58	KN08 1280154 STATES	VIEW MISTER 2878801 2-23,51	PA8ST AGAIN..	14	1.07	3	10.4	11,893	3.78	449	23	13,876	538	23%	-445	-18	
1353773 10-08-58	PRINCE 1061147 STATES	ADMIRAL 4319262 1-35	COMET.....	22	1.18	1	22.0	13,497	3.77	509	8	14,483	506	22%	-193	+1	
1353944 04-10-59	WIS PAT.....	1292880 4123744 1-35	STATES	4	30	1.50	1	30.0	13,462	3.49	470	18	13,442	479	25%	+7	-1
1354230 08-06-58	K-ACRES 1306698 STATES	ORMS8Y 3145017 1-82	LUKE.....	40	18	1.22	1	18.0	14,135	3.45	487	3	15,018	529	21%	-152	-7
1354400 11-05-58	APPLE 1254146 STATES	LAWN GRACIOUS 3737583 1-35	ELMER.....*	0	17	1.82	2	15.1	13,930	3.46	482	14	13,585	486	25%	+93	0
1354442 03-08-59	FRYSLAN 1132414 STATES	REX 4135691 1-35	VISCOUNT.....	0	13	2.46	1	13.0	15,177	3.80	576	34	16,415	621	24%	-225	-7
1354519 11-03-58	SIR 1013415 STATES	ROAMER COLANTHA 4392909 3-21,31,63	IDEAL.....*	6	23	1.30	6	10.4	13,091	3.65	478	32	13,203	480	35%	-43	0
1354643 11-17-58	ELM 1050848 STATES	LEA POSCH 3378748 1-31	TRIUNE.....*	25	23	1.87	2	21.0	14,131	3.96	559	17	15,396	575	26%	-279	-1
1354671 10-27-58 STUD 87-01	SEQUOIA 1094305 STATES	JO PILOT 2972590 5-82,83,84,87,92	PAUL.....	12	181	1.62	93	3.1	13,592	3.58	487	14	14,369	503	89%	-600	-12
1354943 01-30-59	KAHL 1268164 STATES	PA8ST TRIUNE 3633411 1-35	PAUL.....*	0	21	1.52	3	17.2	13,396	3.67	491	14	14,085	500	26%	-162	-1
1355188 02-20-59	OKIE 1246568 STATES	CARNATION 3987681 1-73	COMMODORE PERRY*	5	25	1.28	3	21.2	13,591	3.21	436	23	13,880	465	25%	-59	-7
1355245 01-01-59	MISTY 1213880 STATES	MEAOOWS 4006151 1-35	PRIME OUSTIE....	14	2.14	1	14.0	15,664	3.86	605	13	15,181	563	24%	+162	+12	
1355376 11-03-58 STUD 42-02	IVA-NAN 1204710 STATES	REGAL 3361831 6-33,41,42,56,73	LAO EMPEROR.....	9	77	1.16	52	2.8	14,238	3.65	519	12	13,337	495	76%	+684	+19
1355528 07-20-59 STUD 93-10	LAVACRES 1204163 STATES	OICTATOR 3948870 1-93	PHOENIX.....	0	40	1.48	3	36.1	16,566	3.47	575	51	16,427	594	27%	+121	-1
1355529 07-23-59 STUD 93-15	LAVACRES 1204163 STATES	OICTATOR 3948867 1-93	OUSTY JO.....*	5	74	1.49	2	48.9	15,307	3.43	525	91	15,267	546	34%	+79	-4
1355783 01-24-59 STUD 87-01	THONYMA 1013415 STATES	TRADITION.....	6-67 6-82,83,84,87,91	18	320	1.56	125	4.2	13,925	3.45	480	12	14,372	506	93%	-319	-21
1355784 02-20-59 STUD 31-02	THONYMA 1013415 STATES	STYLEMASTER.....	6-67 18-31,43,48,56,71	8	190	1.29	118	2.8	15,677	3.35	525	26	14,141	495	89%	+1438	+24
1355798 10-16-58	OAK 1010660 STATES	BEND DON 3873983 1-41	MELLOW.....	0	18	1.72	1	18.0	11,028	3.71	409	2	12,496	451	24%	-369	-10

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO DIFF	
NUMBER	NAME	OF	BULL		NO	DAU			MILK	%	FAT	ND	MILK	FAT	OF SIRE SUMMARY	MILK	FAT
1355861 12-16-58	OAGES NC MABLE 1154121 STATES 1-31	FLEETWING	WAYNE*		13	1.15	2	6.8	15,151	3.30	500	8	13,607	472	27%	+422	+7
1355869 01-23-59	HICKORY HILL 1132414 STATES 1-35	BLACKY VISCDUNT..*		8	18	1.28	1	18.0	11,879	3.49	414	2	14,203	520	22%	-489	-21
1355933 04-16-59	VOLENDAM SCHOOLMASTER 1181068 STATES 1-11	DUKE.....*		9	12	1.42	2	10.1	15,781	3.85	608	11	16,188	604	22%	-26	+3
1355940 03-28-59	ELMOKA JOE ABE.....*			47	21	1.43	1	21.0	14,480	3.79	549	6	14,334	527	23%	+56	+6
1355942 02-07-59	ELMOKA HOMESTEAD MARTY.....*			8	93	1.58	66	1.8	13,383	3.74	501	14	13,777	497	83%	-290	+4
1356412 04-21-59	OAKMULGEE CHAMP LORA LEADER...*				11	1.27	1	11.0	15,298	3.41	522	10	13,457	489	20%	+361	+6
1356901 05-30-59	GOLDEN WILLOW NABOTH KANOWA...*			19	21	1.24	2	19.0	14,673	3.42	502	6	14,123	530	24%	+148	-5
1357033 02-11-59	OREGON CHALLENGER ZENITH.....*			15	30	1.67	3	16.8	17,150	3.31	567	19	15,574	536	35%	+629	+13
1357109 10-28-58	RUSHMERE MASTERPIECE MAESTRO..*			5	21	1.62	4	14.0	15,383	3.16	486	6	14,481	497	30%	+302	-2
1357120 02-20-59	FILBERT RAVEN BURKE WINDELL...*			4	26	1.23	3	17.4	13,003	3.75	487	18	14,866	552	29%	-492	-16
1357308 06-11-58	EDGEHILL TREASURE KIT.....*			8	29	1.38	5	14.7	15,414	3.89	600	161	15,628	551	35%	+5	+19
1357499 06-08-59	TALOGA JASMINE GUN SMOKE.....*			15	16	1.50	1	16.0	13,563	3.15	427	6	14,083	484	22%	-97	-12
1357524 02-17-59	ZERKY PEARL CECIL RITA.....*			17	12	1.50	1	12.0	15,681	3.25	510	13	15,731	537	21%	+39	-4
1357743 05-31-58	GLENAFTON RAG APPLE CHARMER...*			0	62	2.16	10	40.6	17,006	3.40	579	28	15,700	547	37%	+571	+14
1357750 02-11-59	ROSAFE SUPREME DUKE-TWIN.....*			9	24	1.46	2	22.0	17,594	3.47	611	155	17,554	621	25%	+115	+1
1357753 08-04-58	KYLAND BONNY LEADER.....*				11	1.27	1	11.0	10,794	3.72	401	10	13,915	503	20%	-597	-19
1357797 01-29-59	BILLVER OLIVER KING.....*			7	205	1.93	121	2.6	15,212	3.86	587	15	14,491	526	91%	+761	+59
1357887 12-05-58	U NEVADA WIS BURKE ALE.....*			0	26	1.85	4	10.5	14,921	3.67	548	13	14,888	555	40%	+75	0
1357998 07-12-59	WIS OEFENDER.....*			15	25	1.88	21	1.3	13,865	3.87	537	19	14,286	526	60%	-196	+9
1358005 08-04-59	WIS SYMBOL PRIDE.....*			6	65	1.18	51	1.5	16,154	3.39	547	18	14,639	545	76%	+1250	+6
1358255 04-02-59	BIG GREEN INDIAN WALLACE-TWIN..*			5	111	2.04	99	1.2	15,128	3.46	523	18	14,652	523	88%	+530	+3
1358564 02-04-59	COMMONWEALTH KHR INKY CHIEF...*			24	34	1.32	1	34.0	13,090	3.58	468	39	12,814	466	24%	+54	0
1358647 12-10-58	PABST ADMIRATION.....*			5	121	1.88	69	3.0	13,806	3.71	512	28	14,387	521	85%	-407	-4
1358819 03-27-59	PLENTYROCK LEADER.....*				16	1.63	1	16.0	13,750	3.80	523	9	13,900	534	23%	-21	0
1358944 12-06-58	BESSLYN ORMSBY FIDES ROBURKE..*				17	1.29	1	17.0	9,972	3.64	363	1	11,982	447	22%	-465	-16
1359255 02-18-59	CLDVERLYN TAYLAKER LEADER.....*				10	1.60	3	6.6	12,907	3.51	453	15	14,027	487	24%	-256	-7
1359463 07-27-59	TUTTLE ACRES NORA RETURN.....*			10	11	1.36	4	5.0	11,855	3.53	418	8	13,653	489	28%	-487	-19
1359512 09-02-58	TEXAS FCBES STAR II DF L S U...*			8	12	1.50	3	5.5	14,247	3.14	447	27	15,374	501	29%	-270	-14
1359787 10-12-58	GRUNDALE CHIEF DUKE.....*			0	12	1.92	1	12.0	13,967	3.39	474	6	12,602	439	22%	+288	+7

REGISTRATION				DAUGHTERS		ND	EFF	DAUGHTER			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAM E OF	S ULL	INC %	NO	REC / OAU	DF HERDS	AU / HERO	MILK	%	FAT	HERDMATE NO	MATE MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
1359798 07-28-59 STUD 91-11	CARNATION STATES	ROYAL TALENT..... 1305460 3769610 6-67 6-33,34,35,87,92	* 0	11	1.64	7	2.2	14,473	3.79	548	27	13,802	516	36%	+254	+12
1360105 04-29-59	COVA MORELANO HYMAN..... 1114762 4258019 5-67 STATES 1-52			13	1.08	1	13.0	10,907	3.47	379	5	12,896	456	19%	-394	-15
1360242 07-02-59	CHERRYBOLD BRIGGEN GOLDEN.... 1170426 2862418 5-67 STATES 1-35	*	33	36	1.28	2	19.3	11,810	3.43	405	27	13,681	464	35%	-635	-20
1360293 11-23-58	BESSLYN DRMSBY FDBES DELLAX... 1210303 3459750 8-65 STATES 1-35		0	12	2.25	1	12.0	12,757	3.41	435	5	12,651	452	24%	+8	-4
1360467 01-07-59	MEADOWVIEW OVERALL ESTELLA.... 1266924 3160571 5-67 STATES 1-51	*		26	1.15	1	26.0	13,414	3.46	464	19	13,737	480	23%	-63	-
1360676 12-22-58 STUD 23-01	ZIMMERMAN PILOT STAR TIDY-TWIN* 1261857 4111408 6-67 STATES 3-21,23,41			14	1.00	7	2.7	19,031	3.73	710	10	17,206	651	36%	+791	+27
1360908 04-09-59	DEL AIR MISTER SEGIS..... 1117039 3440482 5-67 STATES 1-51	*		17	1.47	2	15.1	11,099	3.43	381	19	11,782	403	24%	-201	-6
1361065 02-13-59 STUD 35-03	GLENAFTON RAG APPLE HIGHLIGHT.* 010239301 010723716 6-67 STATES 11-23,33,34,35,61		10	534	1.65	212	3.9	13,785	3.87	533	15	14,293	517	96%	-396	+18
1361167 04-08-59	WILLDW TERRACE IMPERIAL BEN... 1302627 3875759 5-67 STATES 1-21	*	0	10	1.30	1	10.0	15,355	3.48	535	17	14,111	518	19%	+252	+4
1361333 04-24-59	ADDHR GOLDEN BUTTONS..... 1215448 3223356 5-67 STATES 4-50,51,55,56	*	11	32	1.16	10	7.1	12,634	3.58	452	48	13,914	530	47%	-573	-34
1361377 08-14-59	TABUR ROCKET ROYAL..... 1285716 3545393 5-67 STATES 2-43,86	*	20	23	1.30	3	14.6	12,722	3.47	441	14	14,464	490	30%	-482	-13
1361380 08-10-59	TABUR COCHRAN REWARD..... 1007680 4293805 5-67 STATES 1-43	*	5	20	1.65	2	14.9	14,289	3.53	504	13	13,448	486	28%	+240	+5
1361494 10-30-58	HOMESTEAD NEO JOE..... 1283599 4031804 5-67 STATES 1-35			10	1.20	1	10.0	13,316	3.48	464	15	13,568	499	19%	-42	-5
1361520 05-22-59	HILD ODUBLE DON..... 1300340 3054959 5-67 STATES 2-23,35	*	8	14	1.57	4	5.4	14,622	3.58	524	19	14,791	523	33%	-7	+2
1361587 03-28-59	FINHDL LEDHOST DESIGN BDY..... 1312240 3201935 5-67 STATES 1-73		0	24	1.17	1	24.0	11,096	4.13	458	3	11,814	456	22%	-194	0
1361612 06-24-59	WISDF BURKE DENNY..... 1180791 3689052 5-67 STATES 1-35		5	23	1.65	1	23.0	14,731	3.55	523	20	14,070	513	25%	+182	+3
1361675 04-12-59	GALLEYVIEW PROUD MAVERICK..... 1111078 3269904 5-67 STATES 1-93	*		12	1.42	3	7.1	15,257	3.67	560	39	16,546	607	26%	-255	-8
1361682 12-02-57	WIL-MAR-ACRES JEWEL IDEAL..... 1165815 3462222 5-67 STATES 1-35			12	1.58	1	12.0	13,506	3.49	472	19	13,563	488	21%	-7	-2
1361933 11-01-58 STUD 35-75	HAMER ROBURRE RAG APPLE..... 1024453 4818416 6-67 STATES 3-33,35,42	*	5	25	1.64	12	6.4	16,039	3.52	565	11	15,209	545	45%	+455	+12
1361996 02-18-59	LADY WOODOS HEILO BILLY RDY.... 1090981 4254473 5-67 STATES 1-91	*	13	10	1.80	2	8.2	15,642	3.50	547	14	15,596	533	23%	+61	+4
1362410 07-20-59 STUD 33-03	ARCHAMBAULT SOVEREIGN SYMBL... 1259074 4115732 6-67 STATES 3-31,32,61	*	5	21	1.43	9	3.5	14,392	3.65	526	9	15,275	553	46%	-318	-8
1362678 11-11-58	GRANVIEW ROYAL PRIDE..... 1306065 3826399 5-67 STATES 1-34			29	1.59	1	29.0	12,822	3.50	449	31	13,187	445	25%	-94	0
1362759 07-19-59	RDLLING KNOLL WEEJDE VIC..... 976710 4139536 0-00 STATES 3-50,51,61	*	6	19	1.05	4	8.3	14,226	3.66	521	16	13,447	494	32%	+250	+9
1362818 04-26-59	WISDF KING DELBERT-TWIN..... 1234490 4151520 5-67 STATES 1-35	*	5	20	1.80	2	12.5	13,793	3.63	500	32	13,601	519	31%	+68	-4
1362959 07-18-59	VER-LOU REFLECTOR JAY..... 1298430 4160910 0-00 STATES 3-21,32,74	*	14	11	1.00	3	7.5	14,475	3.32	480	28	15,255	559	22%	-128	-15
1362998 05-02-59	IDEAL MADCAP AMBASSAADR..... 1106775 3354820 5-67 STATES 1-41	*	8	16	1.50	1	16.0	13,734	3.72	511	6	14,229	520	22%	-90	0
1363393 09-20-59 STUD 41-01	HAYSSEN D V IMPERIAL..... 1309948 3724358 6-67 STATES 2-41,42		16	20	1.05	18	1.2	13,623	3.57	487	17	12,838	462	50%	+364	+11
1363865 03-29-59	BIG ROCK ABEGWEIT ARISTOCRAT..* 1124780 4018291 5-67 STATES 1-21			10	1.50	3	5.4	14,197	3.39	481	15	13,760	473	26%	+122	+2
1364176 09-26-59	DESERT VIEW BUTTER BDY DEAN... 1152252 2988052 5-67 STATES 1-86	*	4	24	1.46	1	24.0	16,520	3.39	560	53	16,459	581	24%	+89	-2

REGISTRATION				INC %	DAUGHTERS		ND OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO DIFF	
NUMBER	NAME	OF	SULL		NO	REC / DAU			MILK	%	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY		
1364243 09-25-59 STUD 52-01	CDRLAN FARMS 1189870 STATES	IVANHOE 2939718 9-11,12,13,23,55	PIDNEER...* 6-67	6	35	1.66	18'	6.4	15,361	3.66	562	27	14,770	550	54%	+395	+10
1364265 03-19-59	LEADER GRANO 1262184 STATES	MAJESTY 3834379 1-81	SUN8EAM...* 5-67	12	20	1.45	2	18.1	12,633	3.47	438	7	13,825	471	25%	-281	-8
1364397 07-11-59 STUD 23-09	HILL GIRT 1099477 STATES	MERCEDES 3154946 5-21,23,50,51,55	PATRICK....* 6-67	14	97	1.08	82	1.3	13,547	4.00	542	14	14,387	540	83%	-608	+6
1364439 10-23-59	PEMREO R A 1312865 STATES	STAR NETHERLANO 2943663 1-52	VIC 5-67	13	20	1.25	1	20.0	10,609	3.66	388	22	11,199	402	22%	-178	-4
1364594 06-03-59	ADARDY BELL 1281049 STATES	80Y IDEAL.....* 4520768 1-31	5-67		14	2.00	1	14.0	14,777	3.30	487	1	13,656	495	24%	+275	-1
1364669 05-21-59	LANGE LEAOR 915940 STATES	OEFENOER-TWIN....* 4477633 1-33	5-67	0	25	1.68	1	25.0	13,212	3.41	451	14	13,037	452	25%	+35	0
1364674 06-26-59	LANGE RE-CHARITY 1190953 STATES	DIKTATOR.....* 4435762 1-35	5-67	0	25	1.68	3	9.3	14,932	3.73	557	10	13,984	519	41%	+409	+17
1365058 06-14-59 STUD 35-21	LANGE ROYAL 1305460 STATES	ROSE.....* 4050151 4-42,45,46,47	6-67	4	55	1.76	11	25.5	15,335	3.60	552	30	13,865	521	42%	+639	+14
1365088 01-27-59	BROWNSDN 1029659 STATES	PEARL CHIEF.....* 4215564 1-34	5-67		10	1.10	2	5.2	12,082	3.76	454	8	13,404	497	24%	-318	-9
1365139 09-28-59	WIS MEMORY 1283536 STATES	COUNT.....* 3951166 1-42	5-67	0	11	1.82	4	6.0	13,467	3.61	486	8	12,764	467	28%	+179	+5
1365141 10-25-59 STUD 35-21	WIS MODSEHEART 1292880 STATES	DIRECTOR.....* 3373777 2-23,35	6-67	0	21	1.52	4	14.0	16,094	3.73	600	7	15,662	555	30%	+195	+15
1365341 02-09-59 STUD 35-21	BURKGOV HEILO 1038509 STATES	8ELLE.....* 3999292 1-41	6-67	4	28	1.75	12	4.0	14,715	3.62	532	35	12,835	472	54%	+989	+32
1365401 10-01-59 STUD 33-03	CARNATION BUTTER 1152252 STATES	80Y JU8LENT...* 4440593 27-23,33,34,35,48	6-67	13	156	1.17	114	1.9	13,849	3.62	501	16	14,370	522	88%	-368	-14
1365462 03-03-59	SHANGHIGH EXEC 1270830 STATES	TOPPER WILLIE...* 3606305 2-31,63	5-67	15	15	1.60	2	13.1	13,111	3.58	470	32	13,881	496	24%	-173	-5
1366010 08-11-59 STUD 93-03	EXRANCO EL 1032011 STATES	PICADDR.....* 3876857 1-93	6-67	7	32	1.59	1	32.0	16,285	3.72	606	208	15,647	567	26%	+221	+12
1366011 09-17-59 STUD 93-03	EXRANCO EL 1032011 STATES	TORO.....* 3816768 1-93	6-67	0	19	1.53	1	19.0	17,403	3.94	686	210	15,524	563	23%	+486	+30
1366152 04-18-59 STUD 35-75	WHITTIER-FARMS 1181068 STATES	STYLEMASTER....* 3822538 1-14	6-67	3	36	1.81	4	17.7	16,754	3.80	637	21	17,264	636	39%	-45	+6
1366229 12-18-58 STUD 35-21	LOCKWAY SOVEREIGN 1165012 STATES	LUCIFER LAO...* 3330455 1-23	6-67	0	11	2.09	1	11.0	16,508	4.06	671	85	15,285	588	22%	+317	+21
1366238 06-27-59	EOGEMAR MAGIC 1138451 STATES	FIFTY NINER.....* 3899804 1-93	6-67	0	32	1.00	2	30.0	15,792	3.76	593	70	17,306	600	23%	-260	+1
1366345 10-17-59	8EAU SEGIS HARK 1304177 STATES	.....* 4317492 1-41	5-67	16	32	1.34	5	21.4	13,372	3.85	515	8	13,819	520	31%	-121	0
1366823 07-30-59	CLOVER8RDDK 1285965 STATES	MASTER CAOET.....* 3938788 1-42	5-67		14	1.14	1	14.0	14,462	3.62	523	3	12,486	461	20%	+380	+12
1366933 06-20-59 STUD 51-02	HILLSIOE SUPER8 1298430 STATES	.....* 3846713 1-23	6-67	0	28	1.75	4	19.2	15,400	3.95	609	17	13,901	509	32%	+492	+32
1367006 10-09-59	8ENNA COUNT 1287319 STATES	INKA RAVEN.....* 4264075 1-42	6-67	33	12	1.00	1	12.0	13,974	3.41	477	2	13,618	485	19%	+71	-1
1367027 07-13-59 STUD 63-02	MACSFARM ECHO 1227400 STATES	OICK GENERAL....* 3121956 1-63	6-67	4	30	1.53	16	4.6	13,331	3.72	496	17	13,204	476	53%	+60	+10
1367055 11-30-59 STUD 48-01	CARLINS HILLTOP 1243697 STATES	FDND PRINCE...* 3307440 2-48,73	6-67	17	124	1.54	75	3.3	12,986	3.60	468	19	13,166	477	84%	-167	-7
1367352 06-28-59 STUD 31-02	THONYMA LEADER 1302559 STATES	SENATDR.....* 3417595 1-48	6-67	0	38	1.76	4	27.4	16,179	3.49	564	19	14,865	536	32%	+475	+11
1367353 07-15-59 STUD 31-02	THONYMA ROYAL 1113350 STATES	PRINCE.....* 4240668 1-48	6-67	0	41	1.56	5	24.2	16,348	3.75	613	11	15,058	536	35%	+517	+29
1367783 01-31-59	HAZEL BUSH 1150470 STATES	IDEAL DIKTATR.....* 3523812 3-23,35,41	5-67		12	1.50	5	4.6	12,402	3.77	468	5	14,458	527	30%	-585	-16
1367925 03-16-59 STUD 35-75	STERLINGOALE 915940 STATES	LEADER LDUIE.....* 3890094 2-21,33	6-67	0	21	2.14	7	5.9	14,970	3.79	567	20	15,554	566	44%	-161	+4

REGISTRATION				INC %	DAUGHTERS			NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL	REC / OAU		MILK	%	FAT			HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT			
1367950 05-12-59	RANETT CLARKOALE	GRANO	1295702 3890720 STATES 1-35	27	16	1.69	2	14.1	13,745	3.73	513	18	13,869	493	25%	-17	+5	
1368109 07-12-59 STUD 33-03	ARLINO A BELLINGER-TWIN		1283917 4022411 STATES 1-93	0	31	1.55	2	29.0	16,289	3.65	594	53	16,481	588	26%	+32	+4	
1368176 11-23-58	ALLENBY ORMSBY	PETE-TWIN	1227420 3097698 STATES 1-35	0	10	1.70	1	10.0	13,269	3.96	525	68	14,554	544	20%	-234	-2	
1368182 07-29-59	CHRISTY SUPERIOR		1265747 3108980 STATES 1-35	0	20	1.35	4	8.7	15,560	3.53	549	10	15,008	526	34%	+245	+9	
1368201 09-08-59	OKLASTAPEN BEAUTY GOVERNOR		1314062 4199740 STATES 1-73	23	33	1.39	2	31.0	14,388	3.41	490	36	15,641	529	25%	-259	-8	
1368250 12-06-59	MAYERS OUK MAX BOY		1293580 4344238 STATES 1-35	15	21	1.38	1	21.0	12,350	3.64	450	11	12,795	460	23%	-114	-2	
1368324 12-06-59	LAVACRES OICTATOR OUSK		1204163 4410124 STATES 2-86,93	6	36	1.31	5	19.2	15,201	3.71	564	24	16,584	586	35%	-369	-3	
1368365 07-04-59	FERTILE MEADOWS OUK ECHO		1279177 4218127 STATES 1-35	0	13	2.08	1	13.0	11,624	3.59	417	17	12,731	464	24%	-280	-11	
1368543 11-04-59	LEA INN JOLEEN PIONEER		1301491 3357686 STATES 1-33	0	20	1.55	5	13.0	13,347	3.38	451	9	14,004	484	30%	-174	-9	
1368690 11-14-58	ELMWOOD PROFILE CYCLONE		1169417 3803596 STATES 1-35	13	20	1.90	2	16.4	13,962	3.42	478	12	13,175	458	28%	+213	+5	
1369035 01-21-59	SIR KANOWA NEPTUNE		910991 4072379 STATES 1-35	8	14	2.86	3	6.7	15,922	3.50	558	11	14,420	519	35%	+569	+15	
1369120 12-09-59	DON REOFIELD LORANOALE		1267914 3643716 STATES 1-45		13	1.38	1	13.0	13,658	3.43	469	5	14,341	513	21%	-120	-8	
1369124 10-19-59	HAZEL BUSH WIS MUTUAL		1144239 4020642 STATES 1-35		13	1.15	1	13.0	8,704	3.40	296	9	10,378	379	20%	-389	-18	
1369130 09-28-59	CAROLOALE DUKE		1112211 3166394 STATES 1-31	4	23	1.78	3	19.2	12,542	3.65	458	21	12,535	454	28%	-20	0	
1369392 10-22-59	WALTERHOF ALOERBANK ACE		1207711 4300779 STATES 1-93	33	20	1.15	3	8.7	15,946	3.75	598	30	16,728	589	33%	-145	+6	
1369497 05-31-59 STUD 41-01	M V B A BENEFACOR GENERAL		1132684 3870587 STATES 2-41,45	7	69	1.61	54	1.6	13,214	3.71	490	16	13,123	471	79%	+53	+14	
1369498 08-13-59 STUD 41-01	M V B A COMMANO MAIO KELLY		1072328 2958623 STATES 3-41,45,46	14	86	1.59	68	1.6	13,739	3.46	476	22	13,402	482	82%	+281	-4	
1369665 08-25-59	ALTEx ELSIE RUBEN		1150470 3321027 STATES 1-74	14	16	1.44	1	16.0	10,760	3.58	385	12	11,694	426	22%	-240	-9	
1369703 08-11-59	VERNWAY AOMIRAL SAMISH		1080108 3206985 STATES 1-91		17	1.12	1	17.0	14,632	3.53	516	8	14,969	529	21%	-36	-1	
1369843 11-18-59	HOWARD FARM POSCH SUPREME		1179373 2812173 STATES 1-35	0	18	1.61	1	18.0	14,411	3.35	483	21	14,048	493	23%	+101	-1	
1369929 09-26-59	MAKIOA PAYMASTER		1054310 4503449 STATES 1-41	15	14	1.21	5	7.4	14,009	3.69	517	9	14,299	557	28%	-53	-8	
1370210 01-07-60	MACHOLO PABST LOHISHE		1308854 3141404 STATES 1-21	25	13	1.08	1	13.0	12,060	3.55	428	29	12,108	436	19%	-33	-2	
1370471 01-02-60	RAVENGLEN AOMIRAL TRIUNE		1050848 3956096 STATES 3-33,34,35	4	26	1.42	4	11.4	14,973	3.79	567	18	15,184	579	37%	-9	0	
1370724 08-07-59	BY-GEMS HIGHTELL SKY JAY-TWIN		1306662 4213166 STATES 1-35	11	10	2.10	2	5.0	15,021	3.41	512	10	14,776	526	29%	+111	-2	
1370898 09-22-59	ARLINO A FORTY-NINER SPARKIE		1283917 4399660 STATES 1-91	0	17	1.47	1	17.0	14,832	3.53	524	44	13,444	479	23%	+314	+10	
1371183 01-02-60 STUD 35-05	SIR BESS ORMSBY MODEL		1267764 3705003 STATES 1-35	10	31	1.48	16	2.4	14,951	3.49	522	12	14,682	538	60%	+240	-6	
1371186 10-22-58	LEROI'S ORMSBY PROFILE		1169417 4052315 STATES 1-35		19	2.26	1	19.0	11,037	3.45	381	8	11,352	405	25%	-130	-7	
1371216 10-01-59 STUD 35-21	VIGO IOEAL LEADER		1013415 4348915 STATES 1-42	0	18	2.06	2	16.1	15,383	3.56	548	11	13,049	478	27%	+610	+18	
1371359 12-02-59	ELLINGOALE CHALLENGER PREMIER		1300845 4482223 STATES 1-35	8	13	1.31	1	13.0	13,421	3.32	446	12	12,985	467	21%	+82	-4	

REGISTRATION				INC %	DAUGHTERS			NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY OF SIRE SUMMARY	PREO DIFF	
NUMBER	NAME	OF	SULL		NO	REC / OAU	MILK			FAT	HEROMATE NO	MILK	AVERAGES				
1371548 08-30-59 STUD 61-02	MANCRYCO 1169417 STATES	ROYAL 2822217 4-31,33,42,84	PROMOTER.....* 5-67	14	71	1.55	36	3.8	14,098	3.62	511	19	13,689	496	75%	+330	+12
1371554 02-15-59	ROSE EDGE O R 1263857 STATES	TUCKER.....* 3113726 1-42	5-67	14	13	1.23	6	3.0	11,808	3.39	400	8	13,911	499	35%	-716	-33
1371961 07-29-59 STUD 61-02	CLANYARD TY VIC 923749 STATES	HAL.....* 2995445 1-33	6-67	0	28	1.82	22	1.4	13,839	3.64	504	18	13,993	528	62%	-55	-11
1372018 02-11-60 STUD 41-25	BUTTER 80Y ROCKET 1152252 STATES	ACE.....* 4539307 2-35,41	5-67	10	31	1.45	12	6.6	13,649	3.63	495	12	15,164	555	49%	-654	-25
1372020 12-15-59	KEYES ROAMER 1298430 STATES	INKA REFLECTOR....* 3738669 1-23	5-67	*	13	1.69	1	13.0	10,184	3.39	345	16	11,774	408	22%	-384	-1
1372023 03-25-56	ROSAFE SHAMROCK 010198998 STATES	BERTRANO.....* 010533824 7-16,21,22,23,58	5-67	12	46	1.22	21	7.3	15,240	3.69	563	28	15,525	570	56%	-37	+1
1372029 02-19-58	SNOWBALL WHITY 1284057 STATES	CHIEF.....* 3749452 1-35	5-67	0	16	2.88	2	10.0	11,951	3.68	440	12	13,420	467	33%	-482	-9
1372052 07-02-59 STUD 35-21	JON-DE RAVEN 1275412 STATES	JULE REBELER.....* 3342593 1-41	6-67	4	28	1.79	1	28.0	14,169	3.75	531	12	13,402	491	26%	+197	+10
1372083 12-20-59	KAROV RAVEN MASTER.....* 1226862 STATES	3799277 1-31	5-67	11	18	1.56	2	9.4	12,741	3.33	424	22	12,494	420	32%	+52	0
1372139 08-27-59	WAL-CO-FARM JERRY 1169417 STATES	PROFILE.....* 3150213 1-35	5-67	*	11	1.55	3	7.5	14,047	3.55	499	7	13,853	501	25%	+61	0
1372232 01-17-60	EMMONS FARMS ALAN STORM.....* 1291833 STATES	4600740 1-34	5-67	20	10	1.50	1	10.0	15,180	3.64	553	17	14,850	531	20%	+96	+5
1372275 12-26-59	MCKINLEY F08ES EMINENT.....* 1190632 STATES	4762244 1-21	5-67	8	13	1.77	1	13.0	11,809	3.98	470	8	13,546	484	22%	-380	-2
1372408 09-02-59	GILMANS CARNATION REGENT.....* 1308293 STATES	4522503 1-71	5-67	*	24	1.04	1	24.0	11,971	3.55	425	5	12,452	423	22%	-123	0
1372516 10-19-59	REFLECTION GREEN TOP ZEUS.....* 1138451 STATES	3993186 1-31	5-67	27	11	1.36	1	11.0	14,498	3.59	521	8	13,379	458	20%	+221	+12
1372545 02-13-60	CARNATION BUTTER 80Y NIFTY.....* 1152252 STATES	4490112 1-41	6-67	14	13	1.00	1	13.0	9,565	3.42	327	11	10,203	363	19%	-180	-8
1372548 12-21-59	CARNATION MARINER.....* 1278455 STATES	4256292 2-51,54	5-67	0	16	1.19	4	10.7	9,864	3.71	366	21	10,071	365	26%	-138	-2
1372551 01-31-60	CARNATION ROYAL TOP SECRET.....* 1305460 STATES	4434219 1-91	5-67	0	10	1.40	1	10.0	13,728	3.50	481	41	15,292	548	20%	-268	-11
1372552 02-02-60 STUD 35-21	CARNATION ROYAL GOLD RUSH.....* 1305460 STATES	3339581 1-82	6-67	0	23	1.65	2	21.0	16,240	3.50	569	18	15,516	568	26%	+243	+2
1372608 01-01-60 STUD 35-75	SKOKIE DESIGN 1298378 STATES	MISTER JOY.....* 4486804 3-32,33,35	6-67	12	26	1.88	6	14.3	15,474	3.83	593	10	14,506	527	36%	+388	+25
1372678 08-29-59	0000 FARMS TIOY BURKE CAESAR..* 1300014 STATES	3656710 1-23	0-00	*	11	1.36	2	6.6	14,318	3.45	494	30	14,719	538	25%	-65	-9
1372873 09-08-59 STUD 21-10	INGLIS IMPERIAL INVESTOR.....* 956081 STATES	3932781 2-13,21	6-67	6	43	1.93	40	1.1	15,050	3.45	519	19	14,820	530	73%	+274	-4
1372874 12-23-59 STUD 21-10	BILL BORKGOV OEAN.....* 1038509 STATES	3244405 4-13,21,23,31	6-67	10	105	1.49	100	1.1	16,472	3.39	558	20	15,466	550	86%	+1043	+12
1372963 03-07-59	PALM SKY SIR ORMSBY INKA.....* 1215957 STATES	4029712 1-34	5-67	*	12	1.17	3	7.1	14,395	3.45	497	9	14,668	515	25%	-34	-3
1373012 03-12-60 STUD 34-01	HILLTOP EXPLORER CLIMAX.....* 1338191 STATES	4282302 3-11,32,34	6-67	9	87	1.49	71	1.5	13,772	3.64	501	19	13,863	494	83%	-32	+6
1373055 10-20-59 STUD 35-05	HAROE FARMS NOEL STANOARO.....* 1315498 STATES	2967416 6-33,35,41,42,43	6-67	6	200	1.43	109	2.9	14,563	3.53	514	14	13,920	504	90%	+627	+10
1373375 10-16-59	CASH-MAR REFLECTION PERFECTION* 1306035 STATES	3218326 1-32	5-67	24	25	1.44	1	25.0	15,400	3.17	488	11	15,018	516	24%	+131	-5
1373411 12-20-59	MAVIEW SUPREME FOREMOST.....* 1170426 STATES	2852032 5-11,12,16,34,55	5-67	6	22	1.50	10	6.2	14,524	3.64	528	25	14,821	540	42%	-62	-2
1373442 01-16-60	HOOGEBOOM MADCAP BUTTER KING....* 1152252 STATES	3349013 1-51	6-67	17	25	1.28	1	25.0	16,315	3.78	617	19	14,846	539	23%	+372	+19
1373461 10-10-59	RIDGE HEIGHTS ROBURKE OICK....* 1024453 STATES	4649040 2-35,74	5-67	20	12	1.50	2	10.1	13,254	3.43	454	18	13,165	487	23%	+16	-7

REGISTRATION					INC %	DAUGHTERS			NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED			REPEATABILITY OF SIRE SUMMARY	PREO DIFF MILK	FAT
NUMBER	NAME	OF	SULL	NO		REC / DAU	NO	HERDS			MILK	%	FAT	HEROMATE NO	MILK	AVERAGES				FAT
1373503 02-19-60	KINGSTEAD	DUKE	MARCUS.....*	11	19	1.16	1	19.0	15,974	3.65	583	31	15,153	535	22%	+215	+11		
1373719 11-01-59	PA8ST L D ROBEL.....*		1249424 2669795 STATES 1-61	11	38	1.63	6	12.7	14,278	3.90	557	34	14,805	555	45%	-172	+4		
1373809 12-14-58	WACOTS PRINCE	EDWARD.....*	1098427 3505737 STATES 1-34	9	23	1.65	1	23.0	13,121	3.77	495	14	15,086	512	24%	-429	-2		
1373810 03-09-59	HALF MOON FARMS	LUCKY STRIKE..	905683 3523031 STATES 1-21		11	1.00	1	11.0	14,888	3.82	569	7	14,999	542	18%	+10	+6		
1373831 09-26-59	MAN-O-WAR B F	CRESCENT RO8URKE*	1188731 4201226 STATES 1-93	0	14	1.64	1	14.0	13,147	3.53	464	31	14,421	513	22%	-259	-9		
1373832 12-07-59	STYLEMASTER	SHEN-ROCK SUPREME.	1175471 3578559 STATES 1-52	C	11	1.45	1	11.0	15,668	3.78	593	1	16,158	578	20%	-42	+5		
1373868 11-18-59	SUNNYDALE	ANDY PICA PRINCE....	1121706 3634409 STATES 1-31	11	26	1.35	1	26.0	16,102	3.67	591	17	16,336	553	24%	+15	+11		
1373917 12-08-59	WALRIOGE R 8 IOEAL.....		1113350 4025952 STATES 1-31	27	20	1.20	2	18.1	12,179	3.64	443	6	12,804	443	23%	-157	0		
1374007 09-09-59	SIR PIE8E GER8EN.....*		1010936 4718154 STATES 1-35	0	18	2.06	1	18.0	14,940	3.35	500	7	15,980	586	25%	-193	-18		
1374050 02-16-60	LETTERS FOREMOST.....*		1170426 3011282 STATES 1-35	0	11	2.00	2	5.5	13,296	3.47	462	8	14,289	514	30%	-272	-14		
1374243 01-02-60	FORELL ORMS8Y	CAPTAIN.....	1144239 4025635 STATES 1-35	25	23	1.57	1	23.0	13,463	3.65	492	8	13,916	510	24%	-95	-3		
1374273 09-16-59	E W WIS 8URKE	MAJOR.....	1013415 4116658 STATES 1-84	8	16	1.56	4	8.1	15,784	3.71	585	36	15,689	591	31%	+103	+1		
1374417 01-14-60	FERTILE MEADOWS T N HAIL.....		1264035 3467812 STATES 1-35	0	33	1.36	4	24.0	16,184	3.54	573	21	15,757	592	30%	+197	-2		
1374418 01-24-60	FERTILE MEAOOWS T N SLEET.....		1264035 3460541 STATES 1-35	26	35	1.20	1	35.C	10,841	3.72	403	16	12,210	452	24%	-351	-11		
1374587 01-01-60	ALLEN8Y 8RIGEEN GOLOEN 8UO.....*		1170426 3859145 STATES 1-35	5	21	1.05	1	21.0	16,023	3.99	640	56	14,750	546	21%	+299	+21		
1374730 10-18-59	ELMSTEO ORMS8Y	8RUCE.....	1339063 4353990 STATES 1-42	0	10	1.30	1	10.0	12,642	3.80	480	3	12,670	488	19%	-17	-1		
1375016 10-20-59	PANSIEWOOD KYLANO JASON.....*		1221229 3643559 STATES 1-35	0	18	1.67	3	14.3	16,125	3.53	569	27	14,218	523	26%	+524	+13		
1375023 10-11-59	SIR POSCH 8URKE F08ES.....*		1150470 3809387 STATES 1-57	0	12	1.08	2	10.1	13,363	3.57	477	35	13,556	495	21%	-35	-3		
1375087 12-10-59 STUD 35-03	8Y-GEMS PROFILE	STANOOUT.....*	1169417 3557225 STATES 4-35,61,65,71	15	39	1.51	13	8.5	14,166	3.62	513	14	14,729	527	52%	-219	-4		
1375151 01-14-60 STUD 35-75	FRICKES JULE	8UTTER 80Y.....*	1152252 4426584 STATES 1-34	0	23	1.91	8	11.4	16,190	3.61	585	36	14,326	510	36%	+712	+28		
1375183 09-04-58	OURALYNE M A L	JETHRO.....	1286841 4018875 STATES 2-31,35	27	12	1.67	4	7.0	12,062	3.95	477	17	13,980	511	28%	-509	-8		
1375216 02-29-60	ELMER 8ROOK	SIR HOMESTEAD.....	1248442 3895607 STATES 1-35	19	16	1.25	1	16.0	12,695	3.58	455	12	13,629	479	21%	-191	-4		
1375263 03-01-60 STUD 55-01	HAVIEW IRE	ARISTOCRAT.....*	1124780 3804033 STATES 1-55	16	25	1.76	7	4.4	18,104	3.49	632	46	16,802	615	51%	+840	+15		
1375524 12-11-59	ROMEY TRITOMIA	8UTTER 80Y.....*	1152252 3911350 STATES 5-33,34,35,51,52	0	12	1.17	9	2.0	13,950	3.62	505	20	13,262	475	36%	+241	+10		
1375967 11-02-59 STUD 21-10	SISSON FARMS	PIE8E WIS IOEAL..	933122 3389004 STATES 6-11,13,14,15,16	6	195	1.47	120	2.8	16,045	3.48	559	20	14,823	551	90%	+1229	+13		
1376029 01-27-59	TIDY 8URKE 8OAST.....*		1013415 3348182 STATES 3-41,48,92	5	27	1.67	3	23.2	15,672	3.53	553	31	15,288	544	27%	+158	+4		
1376281 12-17-59	OCK8ROOK	ADMIRAL F08ES.....*	1210078 4166244 STATES 2-35,57	11	19	1.68	2	17.1	14,403	3.86	556	18	15,329	571	25%	-182	-1		
1376297 10-16-59	NO8ISCO	MAKIDA SELECT.....	1246053 4266355 STATES 1-35	5	22	1.86	3	16.6	14,958	4.10	614	16	16,014	623	30%	-232	+1		
1376502 03-07-60 STUD 93-02	SKOKIE REX.....		1286610 3235817 STATES 1-93	0	23	1.39	5	14.3	16,293	3.63	592	56	16,068	601	30%	+150	+1		

REGISTRATION				INC %	DAUGHTERS		ND OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	
1376567 10-18-59	PUGET SOUND 1315253 STATES	INTENSE..... 3278701 1-91	6	18	1.33	1	18.0	16,129	3.60	580	32	17,660	640	22%	-243	-9
1376610 08-02-59	FUTURE HOPE 1338573 STATES	FAITH JEWEL.....* 4407081 2-35,74	10	11	1.45	2	9.1	15,002	3.37	505	13	16,277	587	22%	-219	-15
1376722 08-02-59	HOKELANO JERRY 1267257 STATES	DUKE.....* 3847485 1-32	8	29	1.55	1	29.0	11,567	3.39	392	13	13,737	462	25%	-526	-17
1376785 10-23-59	UNH OAWN GRENADOIER.....* 1038118 STATES	.....* 4196203 3-12,14,15	0	13	1.54	7	3.0	18,886	3.91	739	21	17,390	670	37%	+705	+32
1376808 07-30-59	PINEYHILL NOBILITY-TWIN.....* 1295523 STATES	.....* 4507239 1-93	8	21	1.05	5	6.7	16,569	3.84	637	34	16,663	620	37%	+87	+1
1376810 11-10-59 STUD 51-02	MAPLE LAWN MASTER SIR ROBURKE.* 1025902 STATES	.....* 4174280 1-51	9	16	1.94	3	10.8	16,286	3.59	584	22	15,846	556	30%	+203	+10
1376972 01-13-60 STUD 35-21	LANELESS AMERICAN BUTTER BOY.* 1152252 STATES	.....* 4473449 1-35	5	19	1.68	2	17.1	15,014	3.61	542	8	15,601	580	25%	-91	-6
1377026 04-07-60	VIGO ROBURKE OELL.....* 1303198 STATES	.....* 3494405 1-35	7	15	1.60	1	15.0	14,631	3.43	502	19	14,667	516	22%	+21	-1
1377052 01-29-60 STUD 35-05	ARCHAMBAULT OOSTIE TRITOMIA....* 1057739 STATES	.....* 3719953 4-33,35,41,57	8	52	1.87	28	2.5	14,741	3.61	532	15	14,086	509	73%	+530	+18
1377058 11-29-59	ARJO ROBURKE OON..... 1304746 STATES	..... 3529761 1-35	14	17	1.71	1	17.0	11,272	3.50	395	6	12,936	461	24%	-402	-15
1377075 12-15-59	SKOKIE BOY.....* 1282185 STATES	.....* 3087462 1-93	10	36	1.28	1	36.0	16,114	3.62	583	68	15,588	522	24%	+181	+16
1377159 02-26-60	VEGOE CONFIDENT VALENTINE LAO. 1146607 STATES	..... 3972089 1-35	29	17	1.06	1	17.0	12,246	3.53	432	5	12,550	461	21%	-78	-5
1377203 10-20-59	LANGE RE-CHARITY DUKE.....* 1190953 STATES	.....* 4499324 2-35,55	0	24	1.46	2	22.0	14,501	3.73	541	6	15,036	538	25%	-92	+2
1377499 09-19-59	MAUNEY LAO..... 1264159 STATES	..... 3609140 1-55	8	23	1.17	1	23.0	11,213	3.59	402	3	12,123	422	22%	-229	-5
1377589 10-20-59	VALLEY HALL MOOEL KING.....* 1094074 STATES	.....* 3455529 1-21	0	27	1.59	1	27.0	13,270	3.67	487	24	13,921	508	25%	-146	-4
1377661 03-08-60	ERNELL SCHOOLMASTER KING.....* 1181068 STATES	.....* 3668792 2-11,21	9	24	1.42	5	9.5	13,604	3.76	512	23	14,327	525	37%	-233	-2
1377691 03-29-60 STUD 21-10	OEAN WALLACE SECURITY.....* 1085978 STATES	.....* 3597932 4-13,14,21,23	3	85	1.56	77	1.1	16,380	3.44	564	21	15,316	548	83%	+1048	+18
1377861 12-01-59	BAUMGART IMPERIAL KING.....* 1115946 STATES	.....* 3586180 1-35	10	10	1.60	1	10.0	11,904	3.60	428	13	12,412	432	20%	-121	-1
1377876 03-22-60	CRESTON APACHE.....* 956714 STATES	.....* 3996652 1-34	31	17	1.24	6	8.7	16,009	3.55	569	18	16,951	593	30%	-174	-3
1377954 06-27-59 STUD 35-75	FULTONWAY SCHOOLMASTER.....* 1181068 STATES	.....* 4382863 2-23,33	0	11	2.55	5	4.8	17,469	3.89	679	19	16,440	645	33%	+439	+16
1378000 03-03-60 STUD 41-01	M V 8 A T Y VIC PRESTO CYCLONE. 923749 STATES	..... 4589252 4-41,42,45,46	18	82	1.50	66	2.3	11,919	3.83	456	18	13,231	474	80%	-1057	-14
1378071 01-05-60	ST CROIXCO PRAIRIE FASHION....* 1291499 STATES	.....* 3433266 1-35		26	1.23	3	19.0	11,284	3.76	424	12	12,887	463	28%	-456	-10
1378345 03-16-60 STUD 93-05	RWJS MAGISTRATE OON..... 1126307 STATES	..... 3755364 4-82,86,92,93	5	65	1.09	16	10.6	16,747	3.61	604	123	16,535	598	58%	+308	+10
1378399 11-17-59	CINOY-VALE ORMSBY OE KOL..... 1038509 STATES	..... 4474245 1-82	12	34	1.41	3	15.5	15,192	4.00	608	14	15,697	620	38%	-102	0
1378427 01-25-60 STUD 93-03	EXRANCO MAPLE SIR HOPE..... 010218036 STATES	..... 4076820 1-93	25	12	1.75	1	12.0	14,634	4.03	590	225	15,689	571	22%	-181	+6
1378562 04-28-60	SHETLARS MOOEL TIOY LAO.....* 1226128 STATES	.....* 3610256 2-48,73	12	18	1.50	11	2.2	14,938	3.59	536	15	15,760	565	47%	-273	-9
1378594 05-14-59 STUD 33-03	GRAY VIEW CRISSCROSS.....* 010218036 STATES	.....* 3167991 24-21,23,32,35,42	5	138	1.46	83	8.7	14,278	4.04	577	23	15,427	569	79%	-739	+13
1378606 10-13-59	JON-OE PILOT PRINCE.....* 1175596 STATES	.....* 3868173 1-35	10	21	1.90	4	12.7	14,780	3.69	546	9	14,719	543	33%	+65	+3
1378801 03-20-59	WONDER-CRESS MASTER KING..... 1150470 STATES	..... 3067354 1-35	15	27	2.00	2	15.7	13,233	3.39	449	9	12,978	466	35%	+76	-6

REGISTRATION				INC %	DAUGHTERS REC / OAU		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED OFF	
NUMBER	NAME	OF SULL	NO			MILK			%	FAT	HERD NO	MATE MILK	AVERAGES FAT	OF SIRE SUMMARY	MILK	FAT	
1378823 C1-12-60	BEL AIR POSCH 1289489 STATES	EDUCATOR.....* 3665735 1-51	0	18	1.17	3	11.3	12,114	3.76	456	17	13,134	479	27%	-285	-6	
1379037 03-17-60	RUBY ACRES ORMSBY 1263696 STATES	BEST.....* 2653082 1-41	22	11	1.36	8	1.5	13,607	3.56	485	10	13,384	494	36%	+82	-2	
1379096 05-12-60 STUD 23-11	WIS CONQUEST..... 933122 STATES	.....* 3612218 4-22,23,42,51	3	169	1.40	77	4.7	14,324	3.52	504	34	14,393	529	86%	+30	-17
1379176 12-27-59	GRAY VIEW SKY 1244845 STATES	RENDOWN.....* 4194681 1-42	3	42	1.43	2	40.0	14,386	3.46	498	15	15,058	503	26%	-130	0	
1379208 12-13-59 STUD 51-02	B O I MASTER 1025902 STATES	OLAF.....* 3507145 5-23,31,51,52,54	8	175	1.51	114	2.0	14,434	3.69	533	18	13,269	497	90%	+1038	+33	
1379263 02-12-60 STUD 21-10	COLINDON ARAB 1038509 STATES	BUGLER.....* 3846262 3-13,21,23	8	100	1.67	95	1.1	15,492	3.58	554	19	15,108	537	86%	+479	+19	
1379390 03-23-60 STUD 35-21	RAVENGLEW ADIOS 1282185 STATES	TRIUNE.....* 3122167 1-21	4	88	1.31	9	24.7	14,429	3.75	541	24	14,984	548	52%	-203	0	
1379545 02-07-60	FREE-WAY-VUE 1113350 STATES	BART MAVERICK....* 3173373 3-31,63,64	7	15	1.33	4	6.6	12,124	3.27	397	17	13,175	453	31%	-334	-18	
1379945 03-18-60	LONGSWAMP MIOKNIGHT 1283081 STATES	LEGENO....* 3088382 1-32	16	22	1.32	5	8.9	15,664	3.52	551	21	14,122	524	36%	+581	+11	
1379951 04-07-60	WINFIELD LOCHINVAR 1307536 STATES	PREMIER....* 4157783 1-42	0	15	1.20	2	9.1	12,820	3.70	474	23	13,279	470	27%	-124	+1	
1380069 04-18-59 STUD 48-01	KEN VER NEIL 1188192 STATES	WIS RIGHTO.....* 3225356 2-48,73	8	125	1.97	81	2.2	12,937	3.75	485	20	13,001	467	87%	-86	+14	
1380083 C1-16-60 STUD 51-02	ROLLING KNOLL 976710 STATES	MAT ARISTOCRAT....* 2904186 3-51,52,54	9	99	1.21	72	2.1	12,993	3.69	479	20	13,362	498	82%	-301	-14	
1380377 C1-31-60	MASSILLON PATRIARCH 1138451 STATES	MAGICIAN....* 2978612 1-31	25	17	1.41	1	17.0	13,790	3.39	467	26	14,285	499	22%	-89	-6	
1380483 05-01-59	COLUMBIA LEADER 1287362 STATES	CUR-LEE.....* 3988391 3-33,35,43	14	11	1.64	5	2.8	11,805	3.55	419	8	13,175	468	34%	-472	-16	
1380550 09-29-59 STUD 91-13	GLENAFTUN RAG 010249530 STATES	APPLE SELECT....* C10869974 5-81,82,91,92,93	7	233	1.37	111	3.2	14,638	3.66	536	18	14,825	527	91%	-35	+12	
1380659 07-11-59	LEDGEVIEW C M 1324669 STATES	RIPPER.....* 4741374 1-35	8	13	2.00	1	13.0	11,234	3.75	421	7	11,022	401	23%	-4	+3	
1380679 01-02-60	DISTINCTION MAGIC 1252142 STATES	CARNATION....* 3868670 1-35	33	13	1.38	3	8.0	12,798	3.52	451	9	13,373	480	26%	-150	-7	
1380840 02-05-60	CEDRIC CARNATION 1001748 STATES	WINTORIAS....* 398120 1-31	0	11	1.55	1	11.0	14,362	3.70	531	14	14,509	541	21%	-6	0	
1380976 08-27-58	RIVER BRINK 1261601 STATES	THISTLE.....* 3202768 1-35	13	1.85	2	11.1	15,229	3.86	588	8	15,815	582	25%	-83	+4		
1381001 04-01-60	JOLIAM BLACK 1152252 STATES	BUTTER BOY.....* 4112234 1-35	11	19	1.64	3	7.8	15,805	3.46	547	15	15,111	555	37%	+321	0	
1381027 04-23-59 STUD 31-02	IDEAL FURY 1298430 STATES	REFLECTOR.....* 3872209 1-48	0	23	2.30	4	10.2	18,503	3.58	662	13	17,139	579	40%	+695	+37	
1381070 11-29-59	OURALYNE M A L 1286841 STATES	JARVIS.....* 4018875 1-35	26	1.15	1	26.0	12,154	3.55	432	11	11,469	397	23%	+112	+6		
1381130 02-12-60	MASSILLON WINTHROP 1113350 STATES	IDEAL.....* 2586389 1-31	7	14	1.50	1	14.0	14,509	3.40	494	27	14,631	510	22%	+1	-2	
1381256 03-15-60	GRAY VIEW HARMONIZER 1304384 STATES	C.....* 4397173 1-93	5	23	1.43	1	23.0	14,665	3.42	501	68	15,929	541	24%	-237	-7	
1381290 05-01-60	BALLAROVALE RAVEN 1113350 STATES	BLUEBERRY....* 4010168 2-13,14	5	20	1.10	7	4.4	13,974	3.58	500	18	13,451	479	41%	+217	+8	
1381338 02-07-60	WESTLYNO CLYOILL 1013415 STATES	F08ES.....* 3169725 1-43	0	14	1.29	1	14.0	18,043	3.35	604	6	16,255	564	21%	+432	+10	
1381457 02-13-60	PARST OLIVER 1194954 STATES	ROAMIDE.....* 2939395 1-35	15	15	1.00	1	15.0	13,009	3.69	480	28	12,595	463	20%	+67	+3	
1381463 01-07-60	SUNNYOECK WIS 1144238 STATES	CHAMP SENATOR....* 3644478 1-91	0	32	1.47	4	23.0	17,167	3.33	572	54	17,064	581	30%	+144	0	
1381572 02-28-60	PINEHURST ORMSBY 1211333 STATES	RAG APPLE....* 4315007 1-93	0	12	1.17	3	7.1	16,838	3.59	604	30	15,085	553	25%	+481	+14	

REGISTRATION				INC %	DAUGHTERS			NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PRED DIFF	
NUMBER	NAME	OF	8 U L L		NO	REC / OAU				MILK	%	FAT	NO	MILK	FAT	SUMMARY	MILK	FAT
1381704 03-13-60	BAKERS KING STATES	JOHN..... 4598570 1-34	5-67	45	20	1.20		1	20.0	11,962	3.71	444	29	12,964	464	22%	-227	-4
1381711 05-04-60	KAYTEE ADMIRAL STATES	F08ES..... 1257240 1-93	5-67	5	25	1.20		2	23.0	15,778	3.47	548	30	14,012	499	24%	+438	+12
1381745 05-12-60	HAROE FARMS STATES	NOEL MAPLE-TWIN..* 1315498 1-34	5-67	3	30	1.43		2	28.0	15,253	3.76	574	19	14,636	563	25%	+188	+5
1381770 09-22-59 STUD 41-01	OAK BENO ROMEO STATES	OELIGHT..... 1132684 3-41,42,46	5-67	7	55	1.76		41	2.0	14,593	3.44	502	17	13,519	481	75%	+813	+15
1381837 07-20-59	ROSEMER BUTTER STATES	BOY PRIOE..... 1152252 1-31	6-67	10	12	1.67		1	12.0	14,241	3.67	523	25	14,597	538	21%	-49	-1
1381969 04-16-60	ELMOKA JOE JAN. STATES	..... 1106334 1-35	11-65	29	14	1.21		1	14.0	13,150	3.88	510	43	13,725	531	20%	-109	-2
1382176 09-06-59 STUD 34-01	ROMANOALE MAPLE STATES	BARON..... 010218036 11-32,34,73,84,92	6-67	13	111	1.28		85	1.7	14,514	3.48	505	16	14,422	515	85%	+168	-5
1382190 02-06-60	MOYERVIEW MAGIC STATES	CITATION..... 1258953 3-32,33,34	5-67	10	12	1.33		5	3.6	10,579	3.55	376	9	12,105	445	33%	-536	-23
1382261 04-25-60 STUD 23-09	SKOKIE ARCHOUKE STATES	..... 1288610 2-23,51	6-67	15	122	1.02		98	1.4	14,270	3.75	535	15	14,382	537	85%	-7	+3
1382417 02-07-60	NAPSTAHOS IKE STATES	ELSIE OE KOL..... 1150470 1-93	5-67	17	18	1.17		3	14.3	14,339	3.67	526	69	15,620	551	24%	-255	-4
1382467 05-30-60	ARWYN CAPTAIN STATES	BEN..... 1144239 2-23,35	5-67	25	10	1.20		2	6.8	16,318	3.43	559	25	15,024	544	22%	+326	+5
1382571 06-09-59	BUTZRIIGE RICKY STATES	IOEAL LAO..... 1273942 2-33,43	5-67	10	17	1.29		3	13.3	10,562	3.85	407	7	12,736	479	25%	-556	-17
1382698 03-22-60	BLANCO LEADER STATES	RAINBEE..... 1150470 1-93	5-67	8	18	1.28		2	16.1	17,386	3.57	620	68	16,843	603	23%	+208	+7
1382828 05-10-60	KINGSTEAR PABST STATES	EUGENE-TWIN...* 1232296 2-23,51	5-67	5	20	1.35		4	13.1	15,419	3.74	577	32	14,921	560	29%	+187	+7
1382866 04-04-60	STRATTON MARKER STATES	..... 1124780 1-84	5-67	9	11	1.73		2	7.7	15,474	3.21	497	19	15,020	501	25%	+156	0
1382940 11-29-59 STUD 91-11	GLENAFTON RAG STATES	APPLE PRIORITY...* 010239301 4-35,41,42,46	6-67	14	38	1.45		32	1.3	14,144	3.51	497	12	14,257	517	68%	-15	-10
1382958 04-24-56 STUD 93-10	STEWARTHAVEN STATES	REFLECTION SOV...* 010198998 4-52,82,86,93	6-67	7	131	1.62		16	43.8	15,763	3.54	558	80	15,795	567	52%	+109	0
1383004 11-26-59 STUD 91-11	PINEYHILL MAJORITY STATES	..... 1295523 5-34,35,41,42,91	6-67	2	51	1.53		14	23.1	16,136	3.94	635	13	14,912	549	41%	+563	+38
1383045 05-10-60	RANETT OIRECT STATES	TOPPER..... 1283619 2-35,57	0-00	0	10	1.00		2	8.2	12,516	3.51	439	20	14,356	459	20%	-338	-3
1383086 11-11-58	SUPREME COMET STATES	ORMSBY..... 1179373 1-35	5-67		16	2.00		2	14.1	15,608	3.72	580	6	14,174	524	26%	+397	+16
1383206 03-08-60 STUD 35-21	PUGET SOUND OON STATES	JUAN..... 1279641 3-34,35,91	6-67	11	66	1.11		55	1.3	13,574	3.62	491	15	13,888	510	77%	-199	-12
1383209 10-13-59	HAMER SIR CLOVER STATES	OEAN..... 1272355 1-42	5-67	11	10	1.40		5	2.2	13,722	3.83	525	17	14,607	539	32%	-243	-2
1383247 01-01-60 STUD 72-01	ECRASO GOLOEN STATES	TOPPER..... 1148087 1-31	6-67	12	21	1.52		3	17.2	19,371	3.52	681	11	17,018	620	26%	+715	+20
1383311 07-22-59 STUD 33-03	ELLBANK ADMIRAL STATES	BURKE IOEAL...* 1013415 5-12,13,14,16,21	6-67	3	41	1.44		15	14.7	16,268	3.52	573	15	14,790	531	44%	+705	+20
1383398 02-04-60	TEXANS ROYAL STATES	MASTER PRINCE...* 1305460 4-35,48,74,93	0-00	33	10	1.10		6	3.0	15,050	3.47	522	23	15,064	545	29%	+45	-4
1383425 07-15-60	DUEHOLM GRAY STATES	VIEW WALKER..... 1244845 1-35	5-67	0	16	1.00		2	9.1	14,383	3.58	515	3	14,193	513	27%	+73	+1
1383451 04-13-60	AJRF WAYNE DANTE STATES	..... 1279886 1-93	5-67	18	17	1.18		2	15.1	16,023	3.56	570	205	15,670	558	23%	+132	+4
1383468 04-20-60 STUD 34-01	SHEFFIELD CLIMAX STATES	IMPERIAL..... 010260076 6-21,32,34,47,56	6-67	12	120	1.33		72	2.7	14,625	3.43	502	19	14,152	509	84%	+465	-3
1383513 03-06-60	LU-EO RICKY STATES	JAKE..... 1308281 1-33	5-67	0	10	1.10		1	10.0	12,504	3.03	379	4	13,198	450	18%	-128	-13

HOLSTEIN

122

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PROD OFF FAT	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HERO	MATE MILK	FAT	%	MILK	FAT	
1383551 08-24-59 STUD 35-03	ROWSALE 1305460 STATES	REFLECTION 010918915 16-32,35,42,48,61	ROYAL.....* 6-67	11	824	1.50	265	5.6	14,469	3.60	521	15	14,268	520	97%	+282	+4
1383562 08-24-59	BOIVISTA 1092490 STATES	SPIFFIE 4345504 3-82,87,93	GETTIE.....* 5-67	23	15	1.40	4	8.4	14,713	3.51	517	41	13,827	482	29%	+266	+10
1383610 02-05-60	HOME 1230433 STATES	BURKE 3483750 1-31	LEANOER.....* 5-67	23	13	1.15	2	11.1	13,029	3.63	473	15	13,258	477	22%	-50	0
1383626 03-27-59 STUD 41-01	SKY 1291724 STATES	ROCKET 4245050 3-41,42,45	BURKE.....* 6-67	5	77	1.16	61	1.4	13,124	3.57	469	16	13,402	481	79%	-215	-9
1383633 05-14-60	FERTILE 1332101 STATES	MEADOWS 3872739 1-35	RUTH PRINCE... 5-67	13	33	1.79	1	33.0	12,693	3.44	437	19	13,057	443	26%	-103	-2
1383657 04-14-60 STUD 41-25	HAYSEN 1138451 STATES	RAG 4078643 2-41,42	APPLE MAGICIAN....* 5-67	30	10	1.20	8	1.4	13,407	3.78	507	15	13,748	500	33%	-99	+3
1383925 03-16-60	SHEFFIELD 010260076 STATES	CLIMAX 011153042 1-47	BRANT.....* 0-00	9	26	1.00	1	26.0	14,742	3.49	515	9	13,389	462	22%	+294	+11
1383926 02-16-60 STUD 35-21	PAWNEE 1322381 STATES	FARM REFLECTION 3922839 4-35,47,84,93	ADMIRAL 6-67	6	33	1.39	14	11.4	15,450	3.90	602	14	13,771	503	42%	+728	+43
1383952 12-23-59	DAIRYLOU 1192713 STATES	NEOKA 3642220 1-52	REROYAL.....* 5-67	0	12	1.50	1	12.0	15,001	3.63	544	18	13,359	500	21%	+345	+10
1383966 05-21-60	KELEJE 1200082 STATES	CAPTAIN.....* 3830932 1-21	5-67	0	15	1.13	1	15.0	15,579	3.15	490	43	12,969	446	20%	+522	+8
1384080 05-08-60	HILL 897452 STATES	TOP HAVEN 4242705 2-33,35	LORRAINE JULE.. 5-67	7	16	1.50	2	14.1	13,479	3.81	514	19	14,486	548	24%	-214	-6
1384179 08-19-59	MOOSEHEART 1308348 STATES	CAVALIER.....* 4149765 1-35	11-65	10	12	2.08	1	12.0	12,626	3.80	480	14	12,379	436	23%	+35	+9
1384236 12-10-59	DISTINCTION 1175596 STATES	NEL PILOT.....* 4157219 1-35	5-67	13	18	1.61	1	18.0	14,774	3.46	511	20	13,630	511	23%	+274	+1
1384422 08-29-59	PRINCE COLANTHA 1227962 STATES	SEGIS BURKE... 3724484 1-52	5-67	8	20	1.50	4	5.9	11,938	3.48	416	16	10,972	382	40%	+292	+9
1384438 05-12-60	FERTILE MEADOWS 1332101 STATES	PRINCE NIG.... 4218130 1-42	5-67	8	15	1.53	1	15.0	12,668	3.50	444	8	14,161	504	22%	-314	-12
1384452 12-11-59	ZIMMERMAN 1337013 STATES	DANSTAR ACTOR.....* 4706630 1-23	5-67	0	13	1.08	1	13.0	12,425	3.97	493	5	12,639	504	19%	-54	-1
1384455 11-16-59	BELMONT 1240095 STATES	FRECKLES GOVERNOR.....* 3940720 1-51	5-67	8	12	1.58	2	7.5	13,066	4.00	522	12	12,971	504	27%	+15	+5
1384519 07-25-59	BARTELS 1298430 STATES	REFLECTOR ALLAN.....* 3899688 2-41,42	5-67	18	11	1.36	2	6.6	15,514	3.51	544	11	14,928	540	25%	+187	+2
1384548 02-23-60	SAGUARO PROFILE 1169417 STATES	RIGOLETTO.....* 3561202 1-86	0-00	0	16	1.19	1	16.0	13,401	3.60	483	13	14,741	493	21%	-250	-1
1384589 06-25-60	ORMSBY 1053895 STATES	HEWFIELD'S CHAMP.....* 4402695 1-34	5-67	0	28	1.32	1	28.0	16,570	3.34	554	14	14,302	489	24%	+560	+15
1384606 02-10-60 STUD 23-09	DONCROFT 1293580 STATES	MAJESTY.....* 3921889 3-15,16,21	6-67	6	17	1.24	9	4.4	16,365	3.46	566	15	15,806	558	38%	+304	+6
1384815 10-06-59	MAPLE 1175596 STATES	WATER MAOCAP 3442784 2-82,92	IOEAL.....* 5-67	13	24	1.08	2	22.0	13,472	3.73	502	9	12,976	467	23%	+106	+8
1384916 10-07-59 STUD 33-03	ROMANOALE 010242131 STATES	MAJESTY.....* 011329722 1-32	6-67	24	19	1.26	3	13.7	15,689	3.53	554	7	15,478	560	26%	+112	0
1385036 06-03-60 STUD 61-02	GREEN PASTURES 010218036 STATES	R A MAPLE.....* 2790993 11-32,33,35,55,61	6-67	2	349	1.31	216	2.4	15,134	3.52	533	18	14,268	523	94%	+901	+13
1385094 08-09-60	HALLCREST 1142734 STATES	FOLLOW ON MASTER....* 3509024 1-21	5-67	0	15	1.13	2	11.5	17,317	3.55	615	19	15,502	547	24%	+477	+17
1385098 05-26-60	VIGO 1303197 STATES	REGAL CAROLL 3726389 1-35	ELOLIE.....* 5-67	17	23	1.39	2	19.3	15,039	3.38	509	11	15,307	535	26%	-18	-5
1385141 08-04-60	LAVACRES 1382768 STATES	SUPREME M 4315608 1-93	OENTGN.....* 5-67	0	15	1.40	2	13.1	19,793	3.35	664	27	15,808	554	23%	+990	+27
1385225 03-28-60 STUD 91-13	SKAGVALE 1305460 STATES	ROYAL 4457019 1-91	MONARCH.....* 6-67	14	16	1.19	5	8.0	16,871	3.67	620	14	16,001	573	29%	+334	+16
1385410 08-12-60	SAPA 1331029 STATES	SKA PAT 4225852 1-45	ROBURKE.....* 0-00	0	11	1.09	1	11.0	13,876	3.56	494	2	12,745	477	19%	+199	+3

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUM8ER	N A M E	OF	S U L L	NO		REC / DAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	OFF MILK	FAT	
1385564 07-25-60	MAGNET ORMSBY 1293580 STATES	DUKE.....*	38	10	1.10	6	1.8	14,546	3.68	536	18	14,791	553	32%	-31	-2		
1385681 04-C3-60 STUO 35-21	8 F TRIUNE MOOEL.....*	1326679 4165251 2-33,55	0	14	1.36	2	7.5	15,043	3.6C	541	10	14,165	518	29%	+273	+7		
1385711 07-04-60	WIS SYM8OLIC 1189593 STATES	HEAOLINER.....*	13	17	1.29	2	15.1	16,323	3.27	534	27	16,252	574	23%	+84	-6		
1385746 08-30-60	SCHUTZHOLM HOESLY VAR.....*	1056437 3941681 2-34,35	40	10	1.10	3	5.4	12,995	3.59	466	26	12,152	457	24%	+172	+1		
1385876 04-06-60	OVERKRIK DUNLOGGIN KARL.....*	1304620 3942246 1-35	29	10	1.30	2	6.8	15,953	3.51	560	23	16,507	580	23%	-53	-		
1385969 02-18-60	FITZGERALD IVANHCE CASEY.....*	1189870 3866317 1-14	0	10	1.20	1	10.0	12,310	3.69	454	15	13,774	527	18%	-261	-12		
1385993 05-18-60 STUO 21-10	INGLIS SENTRY.....*	1085978 4C71579 3-13,21,23	2	65	1.65	61	1.1	14,788	3.75	555	18	15,010	541	79%	-44	+15		
1386036 07-26-59 STUO 41-01	ALBRECHT DISTINCTION MONARCH..*	1291724 4364234 5-41,42,45,46,95	4	74	1.49	58	1.7	13,912	3.56	495	15	13,489	477	80%	+347	+14		
1386128 07-20-60 STUO 93-03	EXRANCO RAG APPLE MAPLE.....*	010218036 3800642 1-93	0	11	1.45	3	5.1	17,385	3.43	597	131	15,261	556	28%	+653	+14		
1386291 07-15-60 STUO 55-01	OIX HILL HYATT GOVERNOR.....*	1194894 3758812 1-55	0	18	1.67	6	4.3	16,053	3.76	603	42	16,758	603	42%	-154	+5		
1386339 09-02-60	BRAUNS MASTERPIECE ALBRECHT...*	1318021 4299628 1-46	30	11	1.45	2	9.1	11,998	3.93	472	13	12,677	437	22%	-164	+7		
1386406 10-20-59 STUO 91-11	DEE ANN RAG APPLE MAPLE.....*	010218036 4679674 16-33,34,35,41,42	10	404	1.32	204	4.0	14,850	3.66	544	15	14,101	513	94%	+773	+32		
1386525 03-12-60	GYSIE OIXIE HILL.....*	987497 3396095 1-35	7	16	1.63	1	16.0	14,775	3.60	532	13	13,838	507	23%	+228	+6		
1386542 06-14-60	CHERRY HILL CARNATION PRINCE..*	1232907 3849905 1-35	8	12	1.42	2	8.6	16,207	3.23	523	7	15,476	530	24%	+229	0		
1386617 12-24-59	MAYTAG PANSCO ORMSBY ARTHUR...*	1185854 3898627 1-42		16	1.06	1	16.0	10,859	3.18	345	5	12,424	448	20%	-336	-21		
1386730 10-02-60 STUD 31-02	ELEVATION TIOY 8ALLYHOO.....*	1271810 2923370 1-48	10	12	1.00	3	4.5	14,468	3.49	505	14	14,307	510	28%	+72	0		
1386774 09-30-60	KINGSTEARO OARKY ANOY.....*	1345974 3376291 1-51	9	12	1.33	1	12.0	15,619	3.59	561	30	15,132	576	20%	+134	0		
1386842 08-18-60	HI-OALE GINGER CAPTAIN.....*	1144239 3982573 1-35	9	22	1.55	4	13.5	14,759	3.44	508	12	13,412	487	31%	+423	+7		
1386858 09-05-60 STUO 61-02	CLANYARO AOHRAL JIM 8EY.....*	1152351 2827868 3-33,52,86	0	84	1.14	71	1.3	13,966	3.6C	5C3	16	13,990	518	81%	+32	-9		
1386859 09-19-60 STUD 61-02	CLANYARD RAG APPLE TRI-VIC....*	1182696 3756C59 3-33,35,64	0	48	1.38	37	1.7	14,831	3.68	546	21	13,672	5C9	71%	+843	+28		
1386883 06-08-60	CAMPAIGNER RE-CHARITY.....*	1339436 4437557 1-93	5	21	1.00	1	21.0	17,219	3.29	567	73	15,492	524	21%	+408	+10		
1386934 01-10-60	ALBERTVILLE LEAOR SALLY K....*	1216958 4086186 1-35	6	17	1.47	1	17.0	15,496	3.34	518	7	14,541	517	23%	+243	+1		
1387097 05-11-60	RIGHTAN LAO MOSE.....*	1196645 4393196 1-43	5	24	1.13	1	24.0	14,318	3.44	493	15	14,101	504	22%	+64	-1		
1387233 07-C7-60	SKOKIE HIGHLIGHT.....*	1286610 2926195 9-21,31,32,33,34	36	12	1.25	11	1.1	14,014	3.5C	491	62	13,676	487	39%	+144	+2		
1387262 02-27-60	GREEN COVE WIS INK.....*	1013415 3876252 1-31	14	15	1.47	1	15.0	12,080	3.44	416	10	13,707	503	22%	-349	-18		
1387466 07-25-60	PINEHURST KLAZERINA CYCLONE...*	1341786 4699514 1-41	0	10	1.00	3	5.4	11,637	3.79	441	10	12,513	477	23%	-222	-8		
1387520 C9-04-60	FARMSTEARO CHALLENGER COMER....*	1211246 4391513 2-34,42	0	12	1.17	3	8.5	12,696	3.89	494	11	14,268	521	23%	-338	-4		
1387526 11-30-59	WALD-O-MAR VICTORY LEAOR VIC.*	1150470 4406174 1-35	6	33	1.36	2	17.2	15,779	3.68	581	9	14,522	547	35%	+482	+14		
1387725 08-15-60	RAINBOW CONSTANT 14TH.....*	1319457 4389132 1-34	0	14	1.50	1	14.0	13,707	3.57	489	35	12,349	437	22%	+274	+10		

REGISTRATION				INC %	DAUGHTERS			EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED HERDMATE		REPEATABILITY		PRED DIFF	
NUMBER	NAME	OF	SULL		NO	REC / OAU	NO OF HEROS		MILK	%	FAT	NO	MILK	FAT	OF SIRE SUMMARY	MILK	FAT
1387780 09-04-60	ART-JEN RAVEN 1339325 STATES	KIT..... 4741510 1-48	5-67	9	13	1.69	1	13.0	10,978	3.52	386	4	12,408	433	22%	-341	-11
1387906 04-29-60	BAYARD PA8ST 1152252 STATES	BUTTER 80Y..... 3955170 1-52	5-67	10	11	1.45	3	7.5	15,163	3.55	538	13	13,864	515	24%	+329	+6
1387947 11-02-60	ROCK RIVER 8ARON..... 1265166 STATES	3301040 1-33	0-00	0	11	1.09	1	11.0	12,564	3.57	449	12	11,450	418	19%	+172	+4
1387970 01-17-60	HARTZ TIDY 8URKE ELSIE..... 1150470 STATES	3994015 1-48	5-67	12	20	1.25	1	20.0	13,203	3.64	481	2	12,366	450	22%	+164	+6
1387990 06-20-60	KING KO-KO..... 1322069 STATES	3846616 1-35	0-00	50	10	1.10	1	10.0	9,764	3.96	387	8	10,815	397	18%	-237	-2
1388032 06-17-60	MT JOSEPH WIS DEAN GOLD..... 1188192 STATES	3803891 1-48	0-00	0	10	1.10	2	8.2	16,493	3.37	556	19	15,102	519	20%	+313	+8
1388039 08-09-60	MT JOSEPH WIS 8URKE 000..... 1227898 STATES	4105996 1-48	5-67	31	16	1.25	1	16.0	14,858	3.80	564	26	13,349	502	21%	+320	+13
1388044 07-15-60	HEUERS OEAN CITATION..... 1341633 STATES	4502481 1-41	0-00	0	10	1.20	4	3.4	12,974	4.02	521	10	13,752	509	28%	-207	+4
1388223 07-06-60	KYLANO PREMIER SPECIAL..... 1126392 STATES	3282599 2-35,74	5-67	22	14	1.29	5	4.0	13,877	3.22	447	8	13,470	461	35%	+145	-5
1388256 12-16-59 STUD 91-11	KYLAND GALLANT COUNT..... 1265166 STATES	3282597 2-33,35	6-67	4	24	1.79	5	12.6	15,971	3.93	628	16	15,480	571	35%	+248	+23
1388428 07-06-59	DUTCH ACRES 8ELLE 80Y TOCOLA.. 1259069 STATES	4504356 1-21	5-67	8	13	1.62	1	13.0	16,718	3.44	575	1	14,684	539	22%	+472	+9
1388586 06-13-60	ARLINO4 FORTY-NINER STAR..... 1283917 STATES	3827015 1-93	5-67	5	40	1.13	1	40.0	18,637	3.27	610	103	17,986	615	24%	+263	+2
1388721 09-26-60 STUD 35-75	LAVACRES OUSTY MERRIT..... 1205185 STATES	4151544 1-48	6-67	11	47	1.49	6	37.6	15,455	3.79	585	31	14,033	525	30%	+444	+19
1388790 03-01-60 STUD 23-11	RAVEN AG8 IDEAL BLACKIE..... 1113350 STATES	2604550 2-22,51	6-67	13	46	1.13	29	2.0	14,817	3.59	532	30	14,869	551	68%	+67	-8
1388850 01-25-60	ANOKASTAT SKYLARK LAD VAR..... 1072329 STATES	4273346 1-41	5-67	0	12	1.25	2	8.6	14,657	3.58	524	7	14,296	502	23%	+106	+5
1388921 12-02-59	LEONGARO OARKEY CAP..... 1144239 STATES	3111287 2-81,87	5-67	8	16	1.44	2	14.1	16,465	3.69	607	19	16,835	624	24%	-4	0
1388954 07-06-60	KNOLLSIDE 8URKE PRESTO MART.... 1167510 STATES	4438904 1-41	5-67	9	11	1.36	5	3.1	14,373	3.58	514	10	14,525	521	32%	-10	0
1388982 08-20-60 STUD 51-02	FAIR HILL OELLA OART..... 1151349 STATES	3267041 8-31,43,51,52,54	6-67	8	156	1.18	97	2.6	13,896	3.68	511	18	13,535	500	87%	+330	+11
1389022 07-19-60	M1-OELO 8RIGEEEN CHERRY8CLD.... 1170426 STATES	3932590 1-35	5-67	13	16	1.50	2	14.1	16,018	3.51	562	16	16,152	575	24%	+35	0
1389368 10-05-60 STUD 21-10	GLAOTIME SUNNY SERGEANT-TWIN.. 1085978 STATES	3594768 2-13,21	6-67	9	50	1.28	48	1.0	16,372	3.60	589	20	15,544	564	73%	+765	+24
1389369 10-05-60 STUD 21-10	GLAOTIME SUNNY SEXTON-TWIN.... 1085978 STATES	3594768 4-13,16,21,23	6-67	0	54	1.35	49	1.2	15,427	3.59	554	21	15,287	546	75%	+248	+10
1389471 06-12-60 STUD 21-10	IDEOGRAPH F08ES KENNEOY..... 1223243 STATES	4254275 13-12,13,21,86,87	6-67	6	193	1.05	146	2.0	16,233	3.50	568	22	15,644	566	90%	+732	+9
1389585 10-14-60	WINFARM REFLECTION..... 1298430 STATES	3097993 1-21	0-00	0	13	1.08	4	4.8	16,635	3.89	647	17	16,601	630	30%	+107	+9
1389588 12-07-60	YANKTON CAPTAIN..... 1144239 STATES	2955209 1-45	0-00	0	11	1.18	2	7.7	16,624	3.72	619	8	14,549	553	23%	+498	+16
1389627 05-28-60	SILVER ACRES REFLECTION KING... 010273587 STATES	011302353 2-21,47	5-67	9	25	1.24	4	11.1	12,022	3.41	410	24	13,606	460	35%	-546	-17
1389632 11-29-60 STUD 91-11	LUXWOOD CARNATION MASTER..... 1305460 STATES	3367238 4-35,41,42,73	6-67	11	81	1.05	61	1.9	13,823	3.46	478	10	13,261	474	78%	+433	+2
1389636 11-05-60 STUD 41-01	ALBRECHT REX WILL..... 1297169 STATES	2925648 2-41,45	6-67	13	42	1.19	37	1.5	12,981	3.58	465	17	13,118	474	67%	-107	-6
1389693 11-01-60	CLEAR CREEK RAG APPLE JCE..... 1090258 STATES	3236131 1-31	0-00	9	17	1.06	1	17.0	11,989	3.68	441	31	13,891	493	21%	-378	-10
1389754 07-06-60	TEEQUE CHIEFTAIN PROGRESSOR.... 1139153 STATES	4434223 1-57	0-00	0	12	1.25	1	12.0	12,950	3.64	471	32	14,831	535	20%	-342	-11

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF BULL	REC / OAU		MILK	%			FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
1391676 11-11-60	TALOGA BEAUTY 1342819 STATES	COMMANDER..... 4069704 1-73	0-00	0	11	1.09	2	9.1	13,643	3.66	499	19	13,818	502	21%	-25	0
1391755 06-13-60	EL PAJARO AVANEL-TWIN..... 1192325 STATES	3855973 1-93	5-67	16	19	1.05	1	19.0	13,516	3.54	479	53	13,751	475	21%	-40	+1
1391872 10-26-60	TALOGA ADMIRAL 1333200 STATES	REX.....* 4431776 2-48,73	5-67	10	13	1.15	3	9.4	13,697	3.43	470	13	15,681	519	23%	-407	-10
1391977 11-24-59 STUD 91-13	ROMANDEALE PINEY HILL PONTIAC..* 0102648C4 STATES	011254853 6-67 6-15,22,23,41,93	6-67	4	28	1.32	10	12.0	16,330	3.48	569	23	16,265	582	37%	+132	0
1392018 08-16-60 STUD 41-01	BURKE PEHRSONS CARNATION-TWIN. 1197317 STATES	4056045 1-41	6-67	13	27	1.22	23	1.7	12,209	3.60	439	21	12,810	465	57%	-371	-15
1392106 01-16-60 STUD 91-11	PIETJE WOODROCK BARONET.....* 010244133 STATES	011143783 6-67 4-33,42,73,84	6-67	13	35	1.17	18	5.9	14,492	3.62	524	12	13,991	524	52%	+291	+2
1392115 08-26-60 STUD 93-05	EL CAMINO REAL..... 1305460 STATES	2552554 6-67 3-82,86,93	6-67	4	63	1.06	15	9.4	16,195	3.54	574	121	16,868	610	59%	-189	-13
1392216 10-12-60	KENJO TRIUNE STAR..... 1297165 STATES	4006032 1-41	5-67	17	12	1.00	1	12.0	14,599	3.64	531	5	11,955	466	19%	+466	+12
1392286 09-23-60	BIROLAWN CAPTAIN WONDER.....* 1343062 STATES	4600620 5-67 2-23,35	5-67	0	12	1.17	6	4.5	13,295	3.50	465	21	13,403	480	29%	-29	-4
1392400 11-07-60	RAVENGLEN LORRY TRIUNE-TWIN...* 1297169 STATES	3845733 1-42	5-67	20	10	1.20	3	6.6	13,966	3.44	480	8	13,421	497	23%	+125	-3
1392403 01-03-61	RAVENGLEN VICTOR TRIUNE..... 1297169 STATES	3329275 1-42	0-00	11	10	1.00	3	3.8	10,491	3.55	372	7	13,651	479	26%	-816	-27
1392417 01-25-61	LIN-CON SIGMUND KING.....* 1326270 STATES	4277889 0-00 2-31,93	0-00	0	10	1.30	2	8.2	12,326	3.66	451	27	13,949	495	21%	-327	-8
1392433 11-08-60	PHEASANT RUN CARL JACK..... 1337647 STATES	3864074 5-67 1-35	5-67	44	16	1.25	1	16.0	15,271	3.46	528	13	15,737	554	21%	-47	-3
1392499 09-08-59	VALLA VISTA BOSS LOMA..... 1316462 STATES	3353665 5-67 1-48	5-67	43	13	1.31	1	13.0	12,333	3.46	427	1	13,272	476	21%	-193	-9
1392562 01-25-61 STUD 35-05	SUNNYSIDE ANNETTE BURKE IDEAL.* 1113350 STATES	3780372 6-67 1-35	6-67	27	12	1.25	5	3.8	14,826	3.48	516	18	15,118	547	31%	-35	-7
1392654 08-05-60 STUD 23-09	HOWACRES REFLECTOR MODEL.....* 1298430 STATES	3697471 6-67 2-12,13	6-67	6	21	1.10	13	2.1	14,320	4.01	574	16	15,659	602	48%	-533	-7
1392733 08-23-60 STUD 33-03	GRMSBY MECHTHILDE SKYMOOR..... 1244845 STATES	3063947 6-67 14-23,32,34,35,42	6-67	6	35	1.03	32	1.1	13,889	3.43	477	13	14,038	501	63%	-50	-13
1392824 02-05-60	STANGEL BURKE CHANCELLOR..... 1170426 STATES	3752519 5-66 1-35	5-66	13	18	1.33	1	18.0	14,694	3.57	524	5	14,663	537	22%	+36	-1
1392835 09-24-60	MIDLANE GINGER WALKER..... 1258673 STATES	3804067 2-66 1-35	2-66	25	10	1.00	1	10.0	13,047	4.02	524	3	13,764	505	18%	-119	+4
1392857 12-01-60	NO-NA-ME MODEL ROCKET..... 1321750 STATES	4584104 0-00 1-48	0-00	0	10	1.00	1	10.0	11,193	3.63	406	10	12,205	445	18%	-199	-7
1392858 12-20-60 STUD 61-02	NO-NA-ME FONO MATT.....* 1243697 STATES	3580419 6-67 2-31,48	6-67	6	37	1.14	22	2.2	15,780	3.73	589	20	14,624	538	62%	+797	+35
1392859 11-09-60 STUD 93-03	MIDLAND MAGIC B K DICTATOR.... 1138451 STATES	2732246 6-67 1-93	6-67	0	10	1.30	1	10.0	15,400	3.71	572	219	15,480	561	19%	+25	+4
1392867 09-03-60	GRAYHOLME ROSAFÉ SUPREME.....* 1138451 STATES	4412744 5-67 1-31	5-67	7	15	1.47	1	15.0	16,338	3.72	607	6	17,579	670	22%	-179	-9
1392881 07-14-60	SINGING BROOK PROUD EMBLEM....* 1056882 STATES	4059205 5-67 1-23	5-67	15	13	1.31	2	11.1	14,751	3.59	529	18	16,179	594	22%	-255	-11
1392954 07-28-60	COLL-MOR FRASEA BUTTER KING...* 1063307 STATES	4537964 5-67 1-48	5-67	15	33	1.27	2	31.0	13,421	3.81	511	23	13,843	519	25%	-92	0
1393031 12-17-60 STUD 23-09	KILINSDALE IVANHOE JACK.....* 1189870 STATES	3969975 6-67 1-14	6-67	5	22	1.36	8	5.0	18,292	3.41	624	19	16,495	617	44%	+920	+9
1393058 09-06-60	YORK FARMS STYLE BOY.....* 1312167 STATES	3434951 5-67 1-91	5-67	0	11	1.27	1	11.0	14,166	3.64	515	40	15,173	523	20%	-160	0
1393337 10-08-60	SAGUARO ARISTOCRAT..... 1124760 STATES	4671172 0-00 1-86	0-00	8	12	1.17	1	12.0	15,370	3.40	522	15	14,342	498	19%	+219	+5
1393374 02-07-60	FLACKSON GRMSBY POSCH.....* 1287087 STATES	3597030 1-67 1-21	1-67	0	10	1.00	1	10.0	13,650	3.64	497	22	12,715	461	18%	+154	+6

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF	BULL	NO		REC / OAU	MILK			%	FAT	HERO	MILK	FAT	OF SIRE SUMMARY		
1393555 07-26-60	SCHUTZHOLM 1262987 STATES	HOMESTEAD 4545784 1-35	REPEAT... 5-67	15	16	1.56	1	16.0	12,190	3.62	441	21	12,240	442	23%	-36	0
1393563 02-02-58	WOODBOURNE 1007680 STATES	OAN COCHRAN... 3408407 1-31	5-67	18	19	1.53	3	6.3	12,299	3.58	440	24	13,422	457	38%	-421	-7
1393576 11-08-60	RICHVALE 1338728 STATES	MAJESTY BELLRINGER... 3198025 1-51	6-67	0	14	1.00	2	7.0	15,894	3.74	595	19	15,498	572	27%	+165	+9
1393629 08-08-60	CARDLOALE 1315498 STATES	SKOKIE F08ES..... 3759991 1-31	5-67	8	13	1.23	3	8.0	13,190	3.42	451	24	12,748	461	26%	+98	-2
1393645 12-19-60 STU0 61-02	CASHWELL WILL 1174788 STATES	COLANTHUS JIM.... 3729193 3-31,55,65	6-67	20	42	1.02	20	2.8	16,248	3.61	587	35	16,047	585	63%	+294	+1
1393708 11-02-60	PAPPYS ELSIE 1317252 STATES	BURKE OARKEY..... 4159479 1-87	5-67	18	34	1.21	1	34.0	14,191	3.19	453	37	14,507	462	24%	-46	-2
1393721 09-14-60 STU0 32-02	CULVER LAO 1160414 STATES	DICTATOR AJAX..... 3975343 2-32,33	6-67	10	21	1.05	7	6.6	14,764	3.45	509	24	15,034	558	37%	-37	-14
1394010 11-22-60	MT JOSEPH WIS 1188192 STATES	DEAN PILOT..... 4389846 2-43,48	6-67	8	15	1.00	3	11.4	12,250	3.31	406	32	12,411	421	23%	-57	-4
1394052 11-29-59	OUNLO SKOKIE 1311795 STATES	PABST..... 3640895 1-41	5-67		19	1.47	1	19.0	11,515	3.57	411	6	11,475	419	23%	-33	-2
1394291 11-28-60	ROSNIA UNANTLESS 1124780 STATES	ARISTOCRAT.... 3713628 2-52,55	0-00	0	10	1.00	4	3.6	14,296	3.54	500	47	13,708	489	27%	+165	+5
1394292 12-24-60 STU0 23-11	ROSNIA CONQUEROR 1124780 STATES	ARISTOCRAT.... 3632376 1-23	6-67	13	137	1.17	101	1.7	13,960	3.72	520	17	14,644	532	87%	-480	-6
1394348 07-16-60 STU0 35-75	LONE RANCH IOEAL 933122 STATES	KATE WARO.... 3311904 2-21,23	6-67	0	16	1.56	5	8.0	18,882	3.43	648	24	16,982	591	32%	+715	+21
1394393 08-24-60	CACHE ACRES REFLECTOR 1298430 STATES	CAESAR.. 3254874 1-93	6-67	13	23	1.04	3	11.1	17,012	3.46	589	85	15,628	584	32%	+514	+5
1394520 12-12-59	WILLAROS HOMESTEAD 1152252 STATES	MAOCAP..... 3334035 2-35,74	5-67	9	12	2.00	6	2.6	15,258	3.43	523	22	15,025	528	39%	+154	0
1394619 11-28-60	CREATOR F08ES 1234023 STATES	GOVERNOR..... 4241119 1-35	1-67	0	11	1.55	1	11.0	15,022	3.77	567	12	15,131	574	21%	+14	0
1394625 01-19-61	SKOKIE OESIGN 1298378 STATES	RETURN..... 4818208 1-32	0-00	9	11	1.27	1	11.0	14,948	3.64	544	10	15,516	587	20%	-68	-5
1394746 03-21-60 STU0 63-03	MAGICIAN ROSEMER..... 1138451 STATES	3302323 1-63	6-67	10	10	1.30	6	2.0	11,179	3.59	401	15	11,952	434	32%	-294	-11
1395022 11-13-60	SUPER VIEW SKYLINER..... 1244845 STATES	3488978 3-81,82,87	5-67	0	10	1.10	5	2.6	15,850	3.48	551	12	14,526	496	29%	+424	+16
1395053 02-24-60	ROJEN ACE REBURKE DUKE..... 1112211 STATES	3170459 1-21	5-67		18	1.28	1	18.0	12,597	3.68	463	12	13,940	526	22%	-278	-12
1395071 12-10-60 STU0 23-09	WAYBROOK PARAMOUNT-TWIN..... 1243697 STATES	5245054 1-21	6-67	0	19	1.47	7	6.3	15,124	3.90	590	14	16,736	603	38%	-484	0
1395082 11-09-60	OABOGRIF ECHO 1268689 STATES	F08ES..... 4061998 1-50	5-67	0	14	1.07	2	12.1	14,439	3.43	495	30	14,079	492	21%	+92	+1
1395119 11-27-60	TIOY CORNERSTONE 1329249 STATES	PRINCE..... 3883577 3-47,48,73	5-67	0	12	1.00	7	3.5	15,405	3.21	494	11	15,303	529	30%	+90	-8
1395384 09-07-60 STU0 35-21	SCHAFERLAND B B 1198696 STATES	PI00N..... 3651857 1-41	0-00	0	13	1.23	1	13.0	15,285	3.81	583	22	14,464	538	20%	+188	+10
1395530 09-12-60	SIR CURTISS CANOY 1298430 STATES	REFLECTOR... 4461454 1-23	5-67	8	14	1.29	1	14.0	9,776	3.64	356	7	10,336	369	21%	-178	-4
1395595 10-15-60	KYLAND OENVER 1293254 STATES	AMY COMBINE..... 4588404 1-35	1-67	9	12	1.17	1	12.0	15,855	3.70	587	15	14,867	574	19%	+221	+4
1395599 02-10-61	KYLAND BONNY 1265166 STATES	COUNT..... 3096393 1-43	5-67	0	17	1.41	2	15.1	11,283	3.88	438	56	11,404	424	24%	-74	+2
1395663 01-03-61	SKOKIE CORONATION..... 1352968 STATES	2724579 5-23,34,47,51,64	5-67	27	15	1.27	9	3.1	14,563	3.80	554	36	15,155	551	38%	-157	+4
1395834 03-18-60	BEAN-PATCH IDEAL 1113350 STATES	RAVEN..... 3641224 1-13	5-67	31	17	1.29	4	4.7	13,970	3.65	510	14	16,113	600	37%	-697	-28
1395838 09-27-60 STU0 34-01	ROMANOALE CELEBRITY..... 010198998 STATES	011041914 1-35	6-67	5	21	1.38	5	8.2	13,044	4.08	532	13	14,683	565	36%	-547	-8

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HERO	MATE	AVERAGES	FAT	OF SIRE SUMMARY	
1396047	MINNVALE CAPTAIN COLONEL.....	57	11	1.00	1	11.0	11,044	3.41	377	7	13,213	480	18%	-396	-18	
10-01-60	1144239 STATES 1-41	4010943 5-67														
1396058	RO8URKE ORELAN ETTA KING.....	0	11	1.09	1	11.0	12,376	3.73	462	25	13,702	474	19%	-239	-1	
08-24-60	1292880 STATES 1-35	4604092 1-67														
1396236	8EECHWOOD FRASEA IOEAL.....*	0	10	1.20	5	2.8	13,106	3.82	500	9	13,508	488	30%	-114	+4	
09-21-60	1175596 STATES 2-33,35	4005131 5-67														
1396263	WIS PRINCE.....*	0	12	1.08	1	12.0	11,275	3.71	418	60	11,302	427	19%	-43	-2	
01-20-61	1330357 STATES 1-43	3223506 0-00														
1396266	WIS PIONEER OUDE.....*	18	11	1.09	2	9.1	13,467	3.71	499	20	13,567	487	21%	-15	+	
02-06-61	1343527 STATES 1-48	4755134 6-67														
1396268	WIS PIONEER GENERAL.....*	7	15	1.07	3	11.4	15,057	3.61	544	33	14,490	534	23%	+158	+3	
12-26-60	1292880 STATES 3-33,35,85	3373777 5-67														
1396302	MAPLE LAWN SKYLINER JOE.....*	7	16	1.19	1	16.0	16,476	3.42	563	28	15,986	559	21%	+157	+2	
02-05-61	1244845 STATES 1-51	3899438 5-67														
1396303	ASU KANE WILMET IVANHOE-TWIN..*	7	16	1.50	1	16.0	16,444	3.79	623	33	15,290	563	23%	+303	+15	
12-12-60	1189870 STATES 1-86	4400507 5-67														
1396355	SUNNYOECK HEILO PABST KENNY...*	0	21	1.00	5	5.4	16,547	3.26	540	35	17,280	575	39%	-132	-9	
09-03-60	1203206 STATES 1-91	4174373 6-67														
1396503	WISCONSIN ACADEMY BURKE STEVE.*	36	11	1.18	1	11.0	14,152	3.57	505	18	15,045	537	19%	-137	-4	
08-08-60	1303197 STATES 1-35	3901462 5-67														
1396567	A88EY OELL BILLY BURKE.....*	6	16	1.63	1	16.0	15,727	3.66	576	15	14,942	545	23%	+215	+8	
10-31-60	1322272 STATES 1-32	4354253 5-67														
1396601	AOMIRAL CARGO.....*	10	10	1.30	4	3.6	13,607	3.52	479	10	14,617	529	28%	-250	-12	
01-14-61	1347010 STATES 1-42	3417471 5-67														
1396740	ZIMMERMAN PILOT STAR SY8.....	0	19	1.42	1	19.0	19,227	3.77	725	6	16,208	613	23%	+753	+28	
08-27-60	1261857 STATES 1-41	4648404 6-67														
STUD 35-75																
1396744	TIOY BURKE MILLER.....*	7	15	1.47	2	7.5	14,146	3.58	507	13	14,227	533	31%	+2	-6	
01-06-61	1329249 STATES 1-48	4666921 5-67														
1396753	MAPLE LANE RAMONA SKYLINER.....	0	19	1.00	2	12.6	13,348	3.66	488	17	13,615	504	26%	-61	-3	
09-29-60	1244845 STATES 1-41	4593831 5-67														
1396841	8REEZELANO DON ROYAL BUGLER...*	0	14	1.36	1	14.0	12,920	3.55	459	10	13,417	476	21%	-103	-3	
09-17-60	1333241 STATES 1-42	3088108 5-67														
1396863	GEMVIEW EM8LEM BONNIE JON.....*	0	11	1.09	1	11.0	13,614	3.88	528	5	12,369	476	19%	+213	+9	
10-20-60	1302422 STATES 1-32	4410246 6-67														
1396885	SKYWAY VALLA VISTA OOU8LE.....*	5	23	1.17	8	6.3	14,894	3.71	553	29	14,438	534	41%	+228	+10	
11-14-60	1344345 STATES 3-35,41,86	4496001 6-67														
STUD 33-03																
1396899	ROCK LINE SKY HOPE.....*	0	13	1.46	5	3.9	17,165	3.54	607	13	15,405	550	34%	+676	+22	
09-24-60	1244845 STATES 1-21	4385460 5-67														
1396902	MON CHER BURKE KING.....	0	10	1.40	1	10.0	13,174	3.69	486	9	12,064	461	20%	+192	+4	
10-24-60	1185854 STATES 1-42	4386871 5-67														
1397027	BRANLINE NAPOLEON.....	6	16	2.00	2	10.0	14,976	3.61	540	5	14,290	506	31%	+239	+11	
04-20-60	1150470 STATES 1-35	3608863 5-67														
1397037	NOWISCO TONY HIGH8OY.....	0	10	1.10	1	10.0	16,570	3.64	603	4	18,818	670	18%	-309	-8	
09-04-60	1205698 STATES 1-35	3371916 5-67														
1397054	HARMONY CREST FANCY KING.....*	17	24	1.04	10	8.6	12,812	3.77	483	37	13,654	525	36%	-295	-13	
11-12-60	1189870 STATES 2-23,51	4245161 6-67														
STUD 35-03																
1397088	EXRANCO FON0 MARKSMAN.....	0	16	1.06	1	16.0	16,832	3.74	630	234	15,609	570	20%	+294	+14	
01-20-61	010218036 STATES 1-93	3596419 6-67														
STUD 93-03																
1397089	EXRANCO RAG APPLE SPARTACUS...	5	22	1.09	2	18.3	16,773	3.53	592	200	15,452	562	24%	+370	+9	
01-28-61	010218036 STATES 1-93	4765048 6-67														
STUD 93-03																
1397136	IDEOGRAPH SOVEREIGN SUPREME...*	10	21	1.24	6	5.0	14,035	3.64	511	20	15,183	532	42%	-401	-6	
01-20-61	010249633 STATES 4-82,86,87,92	3718868 5-67														
1397184	NAPSTAHOS MAC ARGYLE OE KOL...*	0	18	1.28	2	16.1	14,586	3.65	532	70	15,507	547	23%	-163	-1	
08-08-60	1324830 STATES 1-93	4393155 5-67														
1397209	ST CROIXCO PIONEER.....*	4	28	1.18	19	4.2	16,258	3.67	597	16	15,341	568	50%	+559	+19	
01-15-61	1189870 STATES 1-35	3676388 6-67														
STUD 35-21																
1397262	ROUND OAK GAY MYSTERY.....	22	11	1.18	1	11.0	13,988	3.60	504	19	15,564	555	19%	-258	-7	
09-12-60	1294924 STATES 1-52	4123351 0-00														

REGISTRATION					DAUGHTERS		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	INC	NO	REC /	NO	OAU /	MILK	AVERAGES	FAT	HEROMATE	AVERAGES	OF SIRE	DIFF	FAT	
				%		OAU	OF	HERO	%			NO	MILK	FAT	SUMMARY	MILK	
1397423	JUNCTION	TRANSMITTER	PILGRIM..*	0	12	1.25	1	12.0	13,402	3.50	469	10	13,439	468	20%	-5	
09-03-60	1315824	3340675	5-67													0	
	STATES	1-42															
1397483	MISTYVALE	WREX.....*		8	13	1.08	1	13.0	14,168	3.52	499	23	13,488	495	19%	+134	
03-25-60	1286036	3937419	5-67													+1	
	STATES	1-23															
1397517	BRIGREEN	CHIEF	FLYING CLOUD.....*	15	157	1.15	57	6.7	15,485	3.82	592	20	16,007	600	82%	-209	
10-31-60	1189870	3862151	6-67													+3	
STUD 33-03	STATES	12-11,12,13,14,16															
1397607	RIGI	NEPTUNE	WALDD.....*	0	14	1.29	2	7.5	18,701	3.66	684	18	16,646	600	28%	+670	
11-27-60	910991	4361209	5-67													+27	
	STATES	1-92															
1397712	PIETERTJE	LEADER JACK.....*		7	16	1.31	1	16.0	15,270	3.50	534	17	14,263	533	22%	+236	
11-03-60	1298858	4140795	5-67													+1	
	STATES	1-35															
1397732	TRIPLE-N	HILDA	DIRECT DANNY.....*	10	10	1.00	2	5.8	12,895	3.34	431	19	13,611	455	23%	-155	
02-24-61	1141276	4030107	5-67													-5	
	STATES	1-52															
1397787	PAUL	BELBRDOK	OESIGN.....*		12	1.17	2	10.1	11,752	3.57	420	21	13,084	465	21%	-284	
04-22-60	1312592	4615876	5-67													-9	
	STATES	1-31															
1397814	MAUR-LIND	ANSDN	SHADDW.....*	10	10	1.20	1	10.0	15,444	3.50	541	32	15,840	553	19%	-26	
01-24-61	1314880	4519458	0-00													0	
	STATES	1-93															
1398115	M V 8 A	PRDFILE	BETTY HARRY...*	43	15	1.13	15	1.0	10,915	3.63	396	13	12,973	459	44%	-919	
05-06-60	1169417	4183104	5-67													-28	
STUD 41-01	STATES	2-41,45															
1398116	M V 8 A	PRDFILE	ELLA PAUL-TWIN	0	18	1.39	8	4.1	15,431	3.74	577	34	13,998	502	41%	+614	
06-26-60	1169417	4203258	5-67													+31	
STUD 41-01	STATES	2-41,45															
1398117	M V 8 A	PRDFILE	ELLA PETE-TWIN	7	30	1.43	24	2.0	12,815	3.64	466	21	13,476	483	60%	-388	
06-26-60	1169417	4203258	6-67													-9	
STUD 41-01	STATES	2-41,45															
1398118	M V 8 A	WALKER	KNOLLSIDE WALLY	10	10	1.50	9	1.2	13,139	3.63	477	22	12,476	451	36%	+208	
09-29-60	1136905	4011839	6-67													+8	
STUD 41-01	STATES	1-41															
1398128	RDVEL	LEADER	COLSTINS.....*	11	19	1.42	1	19.0	14,883	3.56	530	4	16,107	547	23%	-215	
04-18-60	1320839	4487582	5-67													-2	
	STATES	1-84															
1398147	CASH-MAR	REFLECTION	IDNA.....*	14	22	1.32	3	15.1	11,231	3.51	394	11	12,886	451	28%	-481	
09-30-60	1306035	3218326	5-67													-16	
	STATES	1-32															
1398216	SKOKIE	CHAMPION.....*		11	57	1.04	48	1.3	14,672	3.52	517	15	13,974	506	73%	+558	
10-09-60	1199324	3099075	6-67													+9	
STUD 33-03	STATES	17-11,21,23,35,41															
1398314	REX	TRIUNE DE KOL.....*		17	20	1.35	2	18.1	15,103	3.38	511	22	15,338	557	24%	-8	
11-28-60	1297169	3614038	5-67													-8	
	STATES	1-41															
1398510	KIMVALE	SEARS	MASTER RICHARD..*	4	25	1.08	23	1.1	16,014	3.52	563	23	15,403	556	56%	+455	
12-11-60	1085978	4345425	6-67													+8	
STUD 21-10	STATES	3-13,21,22															
1398584	PA8ST	ADMIRATION	WALKER LAD.....*	31	13	1.38	2	6.8	11,368	3.64	414	15	12,875	471	28%	-439	
04-13-61	1358647	4319138	5-67													-16	
	STATES	1-35															
1398631	WAR-REN	RDYAL	HI-MAC.....*	10	14	1.50	2	10.5	15,680	3.26	511	9	16,368	580	25%	-97	
10-06-60	1305460	4225765	5-67													-14	
	STATES	1-91															
1398838	PHILORIE	ABIE	STYLEMASTER.....*	8	13	1.15	1	13.0	13,699	3.61	495	11	13,910	506	20%	-30	
11-10-60	1175471	4496553	0-00													-1	
	STATES	1-48															
1398894	COLBERT	SKYLINER	BURKE.....*	25	14	1.29	2	12.1	12,965	3.54	459	11	13,425	488	23%	-101	
11-13-60	1244845	4156628	5-67													-6	
	STATES	1-42															
1399003	STDOKEYHOLM	LEADER PAUL.....*		8	12	1.33	3	7.1	15,948	3.64	580	25	15,773	572	26%	+108	
01-22-61	1150470	3963138	5-67													+4	
	STATES	2-21,32															
1399018	TRANFARM	MIMI	IDEAL LEA0ER.....*	15	20	1.15	9	5.8	16,773	3.57	599	15	15,501	556	38%	+565	
10-15-60	1150470	3843667	5-67													+19	
	STATES	4-13,14,16,23															
1399061	M V 8 A	WALKER	POLLY ART.....*	11	21	1.19	18	1.3	11,355	3.69	419	21	12,762	460	52%	-756	
12-19-60	1136905	3988198	6-67													-22	
STUD 41-01	STATES	2-41,45															
1399084	RAG	APPLE	DAUNTLESS JOE.....*	20	10	1.20	1	10.0	11,845	3.90	462	9	12,496	457	19%	-136	
02-21-61	1019118	3768986	5-67													0	
	STATES	1-23															
1399092	CHERRYBOLD	PDSCH	SKYLINER.....*	0	22	1.32	3	16.6	15,704	3.64	571	15	15,348	538	27%	+149	
01-25-61	1244845	3984902	5-67													+10	
	STATES	2-35,57															
1399122	ZEPP	ORVIN	ORMSBY LEADER BEN..	13	15	1.47	1	15.0	14,837	3.67	544	7	14,307	503	22%	+138	
10-13-60	1150470	4217249	5-67													+9	
	STATES	1-35															
1399150	CLADORA	MARKSMAN	CGCHRRAN.....*	44	18	1.17	1	18.0	14,397	3.42	492	10	16,921	593	21%	-461	
02-09-61	1343808	4896908	5-67													-18	
	STATES	1-41															
1399236	ARCHAMBAULT	SHAMRDCK.....*		15	13	1.69	1	13.0	14,691	3.39	498	20	13,959	504	22%	+177	
07-24-60	1339135	3988562	5-67													0	
	STATES	1-35															

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	AVERAGES		REPEATABILITY OF SIRE SUMMARY	PRED DIFF MILK FAT	
NUMBER	NAME	OF	BULL		NO	REC / DAU			MILK	%	FAT		MILK	FAT			
1399329 08-13-60	BIRCH SPRINGS STATES	ORMS8Y PRINCE... 1-35	14 0-00	10	1.00	1	10.0	13,196	3.30	436	6	12,456	440	18%	+115	-1	
1399369 03-30-61	KNOLLSIDE COUNT STATES	SERGE.....* 2-35,41	7 5-67	15	1.00	3	11.4	13,501	3.78	511	10	12,991	517	23%	+108	0	
1399379 04-24-60	GRAY VIEW CRISSANORO STATES	MOSE.....* 1-32	0 5-67	14	1.36	4	6.4	15,457	3.62	559	11	14,789	550	30%	+246	+5	
1399385 08-18-60	GRAY VIEW SKY CHIEF.....* STUO 33-03 STATES	3882120 24-21,23,33,35,41	12 6-67	130	1.21	107	1.6	13,041	3.70	482	17	14,091	510	86%	-843	-21	
1399448 08-31-60	HABEROALE CONTENOR STATES	TRIUMPH... 1-35	11 5-67	18	1.44	1	18.0	14,755	3.82	563	14	14,220	521	23%	+141	+10	
1399500 03-13-60	ZIMMERMAN STAR STATES	SENATOR-TWIN...* 1-57	7 5-67	16	1.13	2	12.5	12,936	3.53	457	16	12,271	436	24%	+131	+4	
1399607 08-04-60	DIAMONO S MR STATES	COPIA V OEFIANE.* 2-86,93	5 5-67	21	1.43	4	15.5	18,837	3.42	644	123	15,299	535	28%	+1030	+31	
1399758 11-30-60	TIFFIN POSCH STATES	SIR GEORGE.....* 1-31	11 5-67	28	1.11	3	22.5	12,374	3.92	485	31	13,768	526	26%	-348	-9	
1399779 03-12-61	CARNATION ROYAL PARADER.....* STATES	0-00 1-41	0	10	1.10	5	2.8	14,987	3.63	544	20	13,438	481	29%	+450	+18	
1399824 11-26-60	HILLTOP APOLLO STUO 23-09 STATES	IVANHOE.....* 6-67 6-22,23,50,51,52	5 6-67	176	1.34	143	1.4	15,261	3.75	573	15	14,160	533	90%	+1066	+40	
1399950 03-10-61	SKOKIE OUKE POSCH.....* STATES	0-00 3-32,35,73	30 5-67	10	1.10	5	4.0	13,163	3.41	449	17	14,887	555	26%	-412	-25	
1400154 12-19-60	GRENHOLM PRINCE.....* STATES	0-00 1-21	7 5-67	15	1.07	3	7.1	15,247	3.41	520	27	15,999	582	29%	-139	-14	
1400174 05-09-60	VISTA PEAKS STATES	BIROIE BURKE GOV...* 2-31,84	17 5-67	13	1.15	4	6.6	14,961	3.50	524	32	14,032	489	27%	+271	+10	
1400206 12-29-60	STRATTON GRACIOUS ARISTOCRAT...* STATES	0-00 1-84	0	10	1.30	3	5.4	15,604	3.22	503	16	15,117	512	25%	+166	-1	
1400233 02-24-61	KARIOLE FONO HARMONY.....* STATES	0-00 1-35	0	12	1.17	2	10.1	11,773	3.75	441	10	12,576	439	21%	-187	0	
1400347 10-28-60	MAN-O-WAR B F CRESCENT BARTHOL STUO 42-02 STATES	0-00 1-42	25 0-00	12	1.00	10	1.5	13,501	3.56	480	16	12,653	454	36%	+278	+8	
1400379 12-02-60	LAKELAND PION PRINCE.....* STATES	1-67 1-35	10 1-67	10	1.20	1	10.0	10,796	3.92	423	5	12,924	467	19%	-403	-8	
1400390 03-26-60	CHARL-WIN ORMSBY GENERAL.....* STATES	5-67 2-32,34	8 5-67	12	1.17	2	6.0	13,458	3.53	475	11	13,801	505	27%	-79	-7	
1400433 09-16-60	CASH-MAR PAT PREMIER.....* STATES	5-67 1-32	9 5-67	11	1.00	1	11.0	11,104	3.44	382	8	11,320	393	18%	-75	-3	
1400470 05-05-60	WALLACE ADA BURKGOV.....* STATES	5-67 1-21	0 5-67	13	1.15	2	11.1	13,595	3.52	478	31	14,629	532	22%	-194	-10	
1400575 05-18-60	GLENAFTON CLARION.....* STUO 35-03 STATES	6-67 3-35,61,65	15 6-67	64	1.48	46	1.7	15,328	3.39	520	16	13,907	508	77%	+1137	+11	
1400686 11-18-59	TIOY BURKE CULMINATION.....* STUO 33-03 STATES	6-67 24-21,23,35,43,48	14 6-67	99	1.11	81	1.6	14,746	3.39	500	16	14,349	515	82%	+409	-9	
1400703 02-06-61	SCHONHOFF GLORY JERRY.....* STATES	5-67 2-43,61	0 5-67	11	1.09	4	3.9	12,259	3.42	419	22	11,778	415	28%	+92	0	
1400708 11-09-60	KKK SKY KING.....* STATES	5-67 1-43	6 5-67	17	1.24	1	17.0	14,269	3.53	504	36	13,772	485	21%	+115	+4	
1400763 11-29-60	ROSAFE PRINCE HILLVIEW.....* STATES	5-67 1-31	10 5-67	11	1.09	2	9.1	11,734	3.63	426	12	13,573	496	21%	-372	-13	
1400805 11-18-60	RUFF PA8ST WALLIE ROMEO.....* STATES	1-67 1-33	0 1-67	11	1.36	1	11.0	15,769	3.47	547	12	16,278	593	20%	-42	-6	
1400979 07-14-60	KOL COXS ARISTOCRAT.....* STATES	5-67 1-74	11 5-67	12	1.17	1	12.0	16,871	3.41	576	14	15,246	524	19%	+352	+11	
1400981 02-13-60	BARTELS TREASURE BUEFORTE.....* STATES	5-67 1-41	10 5-67	11	1.36	1	11.0	9,116	3.81	347	5	11,288	413	20%	-472	-14	
1400999 01-09-61	PENSTATE ADA IVANHOE.....* STATES	5-67 1-21	0 5-67	13	1.08	1	13.0	14,751	3.85	568	43	13,182	473	19%	+301	+18	

REGISTRATION					INC %	DAUGHTERS		ND OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES			REPEATABILITY OF SIRE			PREO DIFF	
NUMBER	NAME	DF	S U L L	ND		REC / OAU	MILK			%	FAT	HERO MATE NO	MILK	FAT	SUMMARY	MILK	FAT			
1403074 05-29-60	HEERSCH OKLASTAPEN HOPE..... 1243697 3558019 5-67 STATES 1-73	10	21	1.29	2	19.0	14,417	3.61	520	39	15,230	527	24%	-149	0					
1403112 04-18-61	SKAGVALE MAOCAP MAJESTY-TWIN.. 1277619 4457019 0-00 STATES 1-91	10	10	1.10	1	10.0	15,981	3.29	526	5	15,403	512	18%	+142	+3					
1403164 01-08-61	SISSON SKYLINER GENE..... 1244845 3389004 5-67 STATES 1-21	9	11	1.09	2	9.1	15,376	3.23	496	19	14,927	485	21%	+124	+2					
1403336 05-13-61	NECTARLYN COEMENS ADMIRAL..... 1214152 3892049 0-00 STATES 1-34	25	12	1.00	2	10.1	13,736	3.49	479	57	13,642	478	20%	+25	0					
1403342 01-02-61	TEXANS ROYAL MASTER PAT..... 1305460 2684479 0-00 STATES 1-74	0	11	1.00	3	7.5	17,967	3.28	590	13	14,255	506	22%	+833	+19					
1403382 03-20-60 STUD 61-02	ROSEROW WORTHY PLATO..... 1124780 4700313 6-67 STATES 1-31	10	37	1.35	27	1.6	15,123	3.91	592	17	14,220	518	65%	+647	+50					
1403537 02-03-61	FRIESEN SKYLIGHTER REX..... 1359770 3287228 5-67 STATES 1-46	13	17	1.12	1	17.0	13,469	3.59	484	34	13,322	467	21%	+30	+3					
1403573 09-02-60	LEA INN ROYAL MASTER DEAN..... 1305460 4383532 5-67 STATES 2-35,42	0	29	1.31	10	12.8	13,927	3.44	479	11	13,754	482	37%	+78	0					
1403591 08-09-60	JELTON REFLECTION KIT..... 1349691 4681433 5-67 STATES 1-93	8	13	1.62	5	5.4	15,288	3.81	582	34	17,917	662	32%	-697	-19					
1403692 04-03-61 STUD 21-10	MERIWETHER IRA ROSE-TWIN..... 1189870 3754981 6-67 STATES 2-13,21	6	68	1.09	58	1.3	14,994	3.69	553	22	14,995	533	77%	+125	+19					
1403693 04-03-61 STUD 21-10	MERIWETHER IVAN ROSE-TWIN..... 1189870 3754981 6-67 STATES 2-13,21	5	25	1.04	24	1.0	14,817	3.56	527	17	15,110	536	56%	-65	-1					
1403700 07-06-60	GOLDEN OAKS MASTER SUPREME..... 1175531 4228759 5-67 STATES 2-23,33	0	22	1.27	3	12.8	12,299	3.65	449	29	14,301	505	30%	-579	-15					
1403869 08-26-60	ALBERTVILLE PRINCE ROY JEAN.. 1321392 4495092 5-67 STATES 1-35	25	17	1.47	1	17.0	10,502	3.65	383	16	12,110	444	23%	-391	-14					
1403934 01-26-61 STUD 41-01	ESTELLED SPERGER COMMANDO..... 1261140 4223710 6-67 STATES 1-41	20	15	1.27	10	3.0	13,077	3.59	469	37	12,955	472	39%	+32	-1					
1404020 02-22-61	POLAND AMBASSADOR GRACIOUS..... 1082310 3965081 0-00 STATES 1-52	18	12	1.00	1	12.0	12,667	3.51	445	45	11,018	405	19%	+263	+6					
1404202 08-03-60 STUD 21-10	COLLINS-CREST BUDDY BURKE..... 1038509 4201732 6-67 STATES 3-13,21,23	3	80	1.45	77	1.0	16,523	3.36	555	20	14,983	533	82%	+1398	+22					
1404323 02-17-61	CLOVERBROOK PRINCE ROMED..... 1315612 4348609 5-67 STATES 1-42	18	17	1.47	1	17.0	11,312	3.54	401	8	13,203	467	23%	-430	-14					
1404336 02-02-61	MAYWOOD BLACK MAGIC..... 1282185 4821589 5-67 STATES 2-33,35	21	15	1.07	4	6.3	13,308	3.57	475	9	13,730	511	30%	-115	-9					
1404428 01-20-61 STUD 91-13	PUGET SOUND CORRELATION..... 1315253 4472478 6-67 STATES 2-82,91	15	36	1.19	27	1.6	14,326	3.65	523	16	14,930	538	64%	-284	-5					
1404518 02-23-61	LONDON WINDY LUCY POSCH..... 1190014 4287085 5-67 STATES 1-31	5	19	1.47	3	11.2	13,960	3.60	503	65	16,233	607	31%	-605	-27					
1404687 11-06-60 STUD 33-03	OEE ANN ROEBUCK BARDN..... 1304176 3553202 6-67 STATES 4-35,55,73,84	5	25	1.16	5	17.8	12,417	4.07	505	30	15,186	558	27%	-708	-12					
1404688 03-10-61	DEE ANN ECHO ROEBUCK-TWIN..... 1230610 3726803 5-67 STATES 3-33,35,86	9	11	1.36	4	6.0	12,884	3.79	488	31	14,034	523	26%	-283	-7					
1404788 01-15-60 STUD 35-75	DON AUGUR MOTHERMARTHAS PROMIS* 1152252 3692153 6-67 STATES 2-16,21	0	13	1.62	3	6.8	20,760	3.86	801	15	20,066	730	30%	+404	+28					
1404795 09-01-60 STUD 23-09	SHANGHIGH HI-BOY CHAMP..... 1292681 4046480 6-67 STATES 3-23,31,55	9	179	1.10	125	1.8	14,081	3.71	523	15	14,165	531	89%	-2	-2					
1404814 12-08-59 STUD 35-21	FO-MA-TO-SA BURKE BASIL-TWIN.. 1233487 3921826 5-67 STATES 2-48,73	0	17	1.12	5	8.8	17,699	3.85	681	19	15,806	577	29%	+622	+33					
1404867 02-26-61	BELLA VISTA SIGNET..... 010249530 3975925 5-67 STATES 2-32,34	0	13	1.08	6	3.0	13,179	3.61	476	19	14,339	506	34%	-359	-9					
1404872 11-26-60	ZEPP PLAINSITE IDEAL COMET..... 1150470 4391078 5-67 STATES 1-35	0	10	1.60	1	10.0	16,000	3.49	559	13	14,692	525	21%	+296	+8					
1404894 03-10-60	BEECHWOOD LEANDER STEVIE..... 1238318 3897530 5-67 STATES 2-35,74	11	18	1.72	3	8.1	13,968	3.47	485	9	14,169	518	35%	-41	-9					
1404931 12-13-60 STUD 21-10	SUEDALE BUCKY T..... 1038509 3676432 6-67 STATES 1-21	2	54	1.13	52	1.0	15,423	3.48	536	19	15,138	540	74%	+341	+1					

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO DIFF	
NUMBER	NAME	OF	BULL		NO	OAU			MILK	%	FAT	NO	MILK	FAT			MILK	FAT
1404944 C1-26-61	NACHES MAOCAP 1310718 STATES	KORNOYKE.....*	27	15	1.27	1	15.0	13,709	3.63	497	20	15,586	559	21%	-346	-11	
1404955 02-12-61 STUO 21-10	REYNOLANO SENOR PEORO.....*	1085978 4034865 2-13,21	9	35	1.14	34	1.0	15,417	3.55	548	21	15,492	548	65%	+89	+4	
1405012 07-16-61	HENKET SOVEREIGN JOE.....*	1366811 4181736 2-23,58	0	25	1.00	3	21.2	16,113	3.38	545	68	15,910	543	24%	+110	+2	
1405279 08-07-60	CARROLLTON POSCH PAL.....*	1248558 4385265 1-41	33	21	1.19	1	21.0	9,981	3.76	375	8	10,945	387	22%	-264	-4	
1405299 02-21-61	MELODY LANE CAPTAIN ROMEO.....*	1144239 3385650 1-35	38	21	1.24	1	21.0	11,273	3.36	379	4	12,605	459	22%	-313	-17	
1405301 04-04-61	H S H OELLA FOMES TRENT.....*	1151349 4470200 1-54	60	10	1.00	1	10.0	9,971	3.41	340	45	10,878	379	18%	-203	-8	
1405324 10-21-60	VERAOELOA ROYAL MASTER.....*	1305460 4464931 1-35	25	20	1.40	2	18.1	12,368	3.40	421	10	13,424	466	24%	-253	-10	
1405400 06-17-61	LONON WINOY OUNFLO.....*	1190014 4433416 1-31	0	10	1.20	2	8.2	14,233	3.61	514	69	16,275	623	21%	-358	-19	
1405489 03-10-61 STUO 35-21	CAPTAIN BURKE MONARCH DESIGN...*	1332860 4439864 1-43	8	12	1.25	1	12.0	17,369	3.59	624	11	16,210	584	20%	+286	+10	
1405530 09-16-60 STUO 48-01	BLENO INKA BURKGOV.....*	1038509 4585964 1-48	6	41	1.24	25	2.1	13,784	3.50	483	20	13,534	489	66%	+175	-3	
1405537 06-13-60	HOMELANO R A DUKE.....*	010265857 011234656 1-57	10	10	1.60	1	10.0	18,459	2.94	542	51	16,981	506	20%	+372	+8	
1405538 08-26-60	SPEEOSIOE OOU8LE VICTORY.....*	010266798 011337547 1-57	15	14	1.00	3	10.4	16,706	2.97	496	47	16,581	504	23%	+102	0	
1405579 12-07-60	ORURY-LANE COLA B CZAR.....*	1100633 3362374 1-82	0	11	1.18	1	11.0	14,443	3.56	514	2	14,128	559	19%	+75	-6	
1405750 01-28-61 STUO 63-C1	MASSIVE HILLS MAGICIAN BILL...*	1138451 3277829 1-63	9	35	1.09	13	12.0	12,940	3.62	468	39	14,087	511	41%	-436	-16	
1405940 03-15-61	HOCG800M ROYAL M SCHOOTEN.....*	1305460 3349013 1-51	11	20	1.25	6	5.2	13,950	3.84	535	13	13,538	506	40%	+172	+12	
1405957 07-07-61	MACHOLO SKYLINER DUKE PHILIP...*	1244845 4567749 1-21	9	11	1.00	1	11.0	18,077	3.68	665	27	15,910	581	18%	+441	+17	
1405963 09-29-60	HAVEN LANE SKYLINER ADMIRAL...*	1244845 4077684 1-51	0	18	1.11	2	16.1	18,897	3.55	671	12	15,833	579	22%	+742	+23	
1406145 01-02-60	GRACACRE GOLOEN MARK.....*	1326796 4136865 1-34	16	26	1.19	2	20.6	13,843	3.84	532	12	14,348	535	26%	-105	0	
1406271 02-26-61 STUD 31-02	HARBORCREST SUNSHINE.....*	1113350 4141507 14-31,43,55,56,71	8	193	1.03	116	2.4	15,293	3.69	565	15	14,403	517	89%	+885	+45	
1406351 01-21-61	ROMANOALE REFLECTION MONARCH...*	010198998 011281092 1-86	18	17	1.24	1	17.0	13,276	3.86	513	24	14,803	538	21%	-295	-3	
1406425 09-19-60	SYCAMORE PRINCE REGAL.....*	1109864 4381715 1-50	5	24	1.38	1	24.0	9,596	4.51	433	3	10,763	430	23%	-333	0	
1406539 06-13-61	COPRES TYPESETTER OE KOL.....*	1362548 4928291 1-34	0	10	1.20	1	10.0	16,928	3.46	586	75	16,683	591	19%	+107	+1	
1406551 03-14-61	AOCHR VICTOR LONON.....*	1274685 4742594 1-93	0	12	1.08	1	12.0	18,766	3.66	687	170	17,667	627	19%	+291	+14	
1406623 03-23-61 STUO 63-C1	S V F TANASI OEMOCRAT.....*	1124780 3039242 2-57,63	14	15	1.13	11	1.6	11,941	3.84	459	18	13,239	487	42%	-546	-11	
1406622 10-19-60	G-ROMAR SKYLINER BOY.....*	1244845 4236323 2-16,21	17	15	1.07	4	6.0	13,251	3.68	487	15	14,232	516	31%	-272	-7	
1406636 09-23-60	IOEAL ADMIRAL.....*	1214152 4531248 1-35	25	16	1.25	1	16.0	13,498	3.26	440	6	13,373	476	21%	+27	-7	
1406762 03-11-61	TWIN COUNTY TRANSMITTER PRINCE*	1290349 4410793 1-31	21	19	1.16	2	17.1	13,968	3.56	497	20	13,553	461	23%	+99	+8	
1406943 03-28-61	WILLOWLYN R M OOC.....*	1305460 4177700 1-55	15	16	1.13	1	16.0	15,101	3.38	511	29	15,231	509	21%	+12	+1	
1407128 07-23-61	WILLAROS RAG APPLE ROYAL.....*	1362609 3722415 2-35,84	0	16	1.00	5	9.2	17,471	3.32	580	34	16,274	567	27%	+396	+6	

134

REGISTRATION					DAUGHTERS		NO		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	SULL	INC	NO	REC /	OF	DAU /	HERO	MILK	AVERAGES	FAT	HERDM	MATE	AVERAGES	FAT	OF SIRE	DIFF	FAT
1407266	TYLER FARMS	IVANHOE	MASTER.....*	9	69	1.03	54	1.6		14,454	3.76	543	17	14,815	549	76%	-163	0	
07-03-61	1189870	3742261	6-67																
STUD 21-10	STATES	3-12,13,55																	
1407354	TIMBERRIDGE	ROCKET.....*	0	10	1.10		6	2.4		14,311	3.38	483	22	14,498	525	30%	-21	-10	
07-12-61	1141276	4081670	0-00																
	STATES	1-55																	
1407362	SILVER LAKE	OSBORNOALE	POSCH..*	0	11	1.18		5	4.8	16,710	3.94	659	12	14,958	562	27%	+520	+28	
06-15-61	1189870	3918558	6-67																
	STATES	1-55																	
1407387	HALLCREST	FOLLOW ON	F08ES.....	27	22	1.05	11	2.2		12,075	3.67	443	24	13,106	466	49%	-512	-11	
07-07-61	1142734	3548102	6-67																
STUD 63-01	STATES	1-63																	
1407433	IOEGRAPH	REFLECTOR	BARON.....	33	12	1.08	1	12.0		13,969	3.34	467	9	14,424	531	19%	-65	-10	
09-26-60	1298430	4143611	0-00																
	STATES	1-81																	
1407453	ELM RIDGE	TREASURE	TOPPER.....*	15	13	1.08	2	9.6		14,189	3.88	550	14	14,144	523	23%	+28	+7	
03-02-61	1222048	3787880	6-67																
	STATES	1-35																	
1407477	ROCKY COLINDON	ARISTOCRAT.....*	11	10	1.20		1	10.0		14,682	3.75	550	6	15,068	565	19%	-39	0	
08-20-60	1124780	3364250	5-67																
	STATES	1-21																	
1407496	LEADER VALE OF A	8.....*	13	16	1.06		2	14.1		10,130	3.56	361	39	12,168	441	22%	-469	-17	
03-27-61	1234517	4684090	6-67																
	STATES	2-35,42																	
1407669	THORLAND	IOEAL	FACTOR.....*	0	16	1.19	1	16.0		15,049	3.40	512	7	15,063	526	21%	+33	-1	
09-09-60	1247304	4317770	5-67																
	STATES	1-42																	
1407711	BRIGEEEN	GOLOEN	STANOARO.....*	8	12	1.25	3	5.5		13,968	3.82	534	21	15,576	584	28%	-387	-10	
05-14-61	1170426	3268015	5-67																
	STATES	2-12,13																	
1407817	CENTER FELD	IVANHOE	TRUSTEE..*	0	15	1.40	2	13.1		17,539	3.73	654	19	15,714	610	23%	+482	+13	
01-28-61	1189870	4493840	6-67																
STUD 34-01	STATES	1-52																	
1407874	SHAWS	ARISTOCRAT	FAME.....*	16	19	1.00	4	10.8		13,711	3.92	538	28	14,292	529	28%	-136	+4	
03-28-61	1124780	3719770	5-67																
	STATES	1-34																	
1407876	ROMANDALE	TEXAL	TRI8UNE.....*	4	26	1.27	1	26.0		12,133	3.40	413	13	11,634	422	23%	+76	-3	
07-13-60	010260008	010722711	5-67																
	STATES	1-35																	
1407958	WEDGE LANE	CARNATION	PAT.....	22	23	1.35	1	23.0		9,251	3.64	337	13	10,899	390	23%	-438	-14	
08-30-61	1318174	4592021	5-67																
	STATES	1-41																	
1407968	WHETSTONE	VALLEY	REFLECTOR	JOE	9	12	1.00	2	10.1	11,881	3.57	424	5	12,428	450	20%	-130	-5	
02-24-60	1298430	4627709	5-67																
	STATES	1-46																	
1408080	CHAPEL BANK	WORTHY	SPANGLE.....*	3	34	1.00	30	1.2		16,116	3.48	561	18	15,403	549	62%	+571	+11	
08-03-61	1124780	3215754	6-67																
STUD 21-10	STATES	3-13,21,23																	
1408166	SALESMAN	DUKE	MAJESTY.....*	0	10	1.20	2	6.8		14,911	3.90	581	20	14,296	522	22%	+158	+14	
04-21-61	1293580	3497852	5-67																
	STATES	1-35																	
1408206	LINARTIS	ORMSBY	BURKE.....	0	11	1.00	1	11.0		13,602	3.75	510	7	13,863	527	18%	-37	-1	
09-17-61	1371554	4628332	0-00																
	STATES	1-42																	
1408278	SKOKIE	WGLVERINE.....*	0	11	1.00		3	4.6		16,679	3.21	535	14	15,167	536	26%	+447	+1	
07-07-61	1288610	4377641	5-67																
	STATES	1-34																	
1408465	JELTON	JAMES	CANYON	SKY	PREM..*	16	26	1.27		13,670	3.54	484	41	13,356	482	24%	+76	0	
09-18-60	1349691	3527378	5-67																
	STATES	1-87																	
1408561	WILLOWLYN	R M	LARK.....*	18	17	1.24	3	13.3		17,274	3.48	601	23	17,471	610	25%	+53	+1	
04-03-61	1305460	4104197	5-67																
	STATES	1-55																	
1408583	SPRUCEGATE	RAG	APPLE	MATA	DOOR..*	4	51	1.00	46	1.2	14,743	3.55	523	20	15,575	557	71%	-433	-18
06-12-61	010218036	3909669	6-67																
STUD 21-10	STATES	3-13,21,23																	
1408654	S C P	MOSE	DEWEY	CHRISTY.....*	20	25	1.08	2	12.5	15,335	3.35	513	87	14,144	479	32%	+409	+11	
09-17-61	1196645	4617151	5-67																
	STATES	1-56																	
1408789	SANDYLAND	MATCHLESS	AAGGIE.....*	25	10	1.00	2	6.8		13,907	3.29	458	7	14,819	472	21%	-161	-2	
10-16-61	1321751	4626325	0-00																
	STATES	1-73																	
1408835	GLENCLOSKEY	CASH-MAR	MAX	BO-80*	0	15	1.07	2	8.3	12,052	3.63	438	12	13,096	478	27%	-287	-10	
10-13-59	010260076	011203928	5-67																
	STATES	2-32,34																	
1408859	8ELLE-AFTON	INKA	GOVERNOR-TWIN*	24	17	1.41	4	6.1		14,997	3.41	511	29	15,258	537	36%	-24	-6	
09-09-60	010233528	010992380	5-67																
	STATES	2-21,47																	
1408952	BELL	CROSS	COVAR	PICA.....	27	11	1.00	1	11.0	12,642	3.61	456	28	12,808	475	18%	-39	-3	
04-18-61	1121706	3760585	0-00																
	STATES	1-56																	
1408982	FOREST	LAWN	WEBER	ORMS8Y.....*	13	22	1.00	1	22.0	16,097	3.62	583	19	13,992	499	21%	+460	+18	
01-17-61	1328476	3649844	0-00																
	STATES	1-41																	
1409135	PALO	OURO	IVANHOE	STARLIGHT...*	0	11	1.00	1	11.0	16,009	3.72	506	23	15,880	587	18%	+69	+3	
08-06-61	1189870	4386262	5-67																
	STATES	1-74																	

REGISTRATION				INC %	DAUGHTERS NO	REC / DAU	NO OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO DIFF FAT	
NUMBER	NAME	OF BULL	FAT						HEROMATE NO	MILK	%	FAT	MILK	FAT	FAT		
1409136 10-04-61 STUD 23-11	MOOKOWN FONO 1243697 STATES	REFLECTION.....* 4617504 3-21,22,23	6-67	19	205	1.04	113	2.9	14,111	3.66	517	18	14,804	547	89%	-487	-20
1409137 10-31-60	KNOLLTOP 1308101 STATES	SENSATION RIGHTO.....* 4247649 1-34	5-67	23	13	1.00	1	13.0	15,332	3.52	540	17	14,618	545	19%	+160	0
1409139 02-28-61	STEILACOOM DDN 1279753 STATES	RD8LES.....* 4603922 1-91	5-67	17	12	1.17	2	10.1	17,868	2.62	468	22	18,704	537	21%	-63	-13
1409146 10-22-60	MELODAY WIS 915940 STATES	LEADER-TWIN.....* 4184561 1-35	5-67	0	11	1.36	1	11.0	15,373	3.85	592	10	13,129	500	20%	+442	+19
1409169 03-08-61 STUD 55-01	LIME HOLLOW BURKGOV 1038509 STATES	DEAN.....* 3918867 1-55	6-67	13	30	1.13	8	5.3	17,659	3.55	627	47	16,808	612	49%	+585	+13
1409318 10-28-60	LANGE ROYAL KING.....* 1305460 STATES	4608070 2-33,42	5-67	0	10	1.50	8	1.4	13,230	3.64	482	16	14,398	523	35%	-376	-12
1409452 09-25-60 STUD 41-01	IDAHO 8URKGOV.....* 1223243 STATES	4507766 2-41,87	6-67	9	13	1.31	6	5.3	13,722	3.67	504	14	14,891	535	30%	-308	-7
1409523 07-31-60	EASTHAVEN DEAN CAPTAIN.....* 1144239 STATES	4567814 1-32	5-67	17	12	1.25	1	12.0	13,743	3.67	504	30	14,199	488	20%	-73	+3
1409603 11-30-60	EVER MAY APPOLLA TY VIC-TWIN..* 1336655 STATES	3868904 1-92	0-00	0	13	1.15	1	13.0	16,363	3.81	623	32	16,537	639	20%	+29	0
1409678 01-24-61	WINFARM MODEL ALDO.....* 1154156 STATES	3333081 1-21	6-67	14	28	1.04	1	28.0	14,788	3.46	511	24	14,497	519	22%	+90	0
1409684 07-22-61	WIN-MOCK OVATION PAT.....* 1376379 STATES	4760869 1-55	0-00	0	12	1.00	1	12.0	15,367	3.16	485	19	14,773	495	19%	+137	-1
1409799 09-19-61 STUD 91-11	CARNATION ROYAL TRADITION.....* 1305460 STATES	4440592 4-21,35,55,91	6-67	11	28	1.04	13	3.0	16,049	3.53	567	20	16,169	578	52%	+84	0
1409918 11-19-60	WRIGHT GOOD SKOKIE.....* 1263983 STATES	3204785 2-14,21	5-67	22	10	1.00	5	2.2	15,717	3.44	541	8	16,352	591	30%	-99	-11
1410131 04-29-60	SPRINGSIDE TRITOMIA DRMSBY....* 1366690 STATES	3265813 1-48	0-00	30	15	1.13	1	15.0	11,321	3.37	381	12	9,462	324	20%	+298	+8
1410270 07-03-61	RE-CHAR VEE KING.....* 1364672 STATES	4181364 1-33	0-00	0	10	1.20	2	5.0	13,956	3.80	531	15	14,230	496	25%	-46	+9
1410382 11-26-60	BAUGO VALLEY LUKE ADMIRAL.....* 1326177 STATES	4170031 1-32	5-67	17	12	1.08	1	12.0	14,805	3.71	549	9	13,343	488	19%	+278	+12
1410419 10-18-61	TEXANS ROYAL SUPERB MASTER....* 1383398 STATES	3593455 1-74	0-00	17	13	1.00	1	13.0	8,847	3.41	302	10	11,010	369	19%	-455	-14
1410466 10-04-61 STUD 41-01	MISTER BERRY.....* 1305460 STATES	4420814 5-41,45,46,87,95	6-67	12	68	1.01	53	1.5	13,208	3.65	482	16	13,668	493	76%	-325	-7
1410506 08-17-61 STUD 51-02	IRVINGTON AOMIRAL SCOT-TWIN...* 1237057 STATES	3309584 3-43,51,54	6-67	2	46	1.02	35	1.5	12,712	3.48	442	20	13,577	505	68%	-575	-41
1410590 02-06-61	ARESKU PA8ST MOOEL MONITOR....* 010263668 STATES	010792307 1-55	5-67	0	11	1.27	3	4.4	13,959	3.77	526	27	13,887	514	29%	+36	+4
1410603 10-24-60 STUD 35-21	CREATOR LOOESTAR R A-TWIN.....* 010249530 STATES	010871199 1-35	6-67	25	12	1.25	1	12.0	14,312	3.75	537	14	13,740	483	20%	+121	+11
1410604 03-24-61	GLENAFTON RAG APPLE MILESTONE.* 010273925 STATES	010968594 1-41	5-67	7	16	1.13	7	4.3	14,787	3.85	570	13	15,435	580	36%	-157	0
1410773 10-19-61	MAUR-LINO ANSON V FLIPPO.....* 1314880 STATES	4609131 1-93	6-67	20	25	1.04	2	21.3	15,523	3.32	515	80	15,700	541	24%	+14	-4
1410917 07-24-61	FLOWER TIDY ORMSBY.....* 1192193 STATES	4301900 1-47	0-00	27	11	1.00	2	9.1	13,631	4.03	550	48	15,069	579	20%	-252	-3
1410984 06-08-61 STUD 33-03	PENSTATE STAR MAN.....* 1189870 STATES	2569786 13-12,13,16,23,31	6-67	11	19	1.00	13	2.6	13,847	3.83	531	20	15,088	573	43%	-462	-13
1411026 05-28-61 STUD 23-11	PINEYHILL GALAXY.....* 010260315 STATES	3235970 3-22,23,55	6-67	6	187	1.06	113	2.4	14,661	3.74	548	17	14,362	533	89%	+354	+17
1411214 08-20-61 STUD 21-10	COUNCIL ROCK IVANHOE.....* 1189870 STATES	2778890 2-11,55	6-67	8	130	1.00	76	2.8	15,034	3.72	559	18	14,946	557	84%	+207	+8
1411224 08-29-61 STUD 23-11	WOODSIDE FARM TY VIC 8ELLE....* 1038509 STATES	4612328 1-23	6-67	4	68	1.01	51	1.5	16,342	3.44	562	23	15,093	547	76%	+1081	+16
1411312 11-10-60	BURKE HAMMERHEAD CHIEF.....* 1323988 STATES	3348173 1-48	5-67	0	24	1.25	1	24.0	14,788	3.77	557	12	14,238	533	23%	+145	+7

HOLSTEIN

136

REGISTRATION				INC %	DAUGHTERS			NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED DIFF	FAT
NUMBER	NAME	OF	SULL		NO	REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES	OF SIRE SUMMARY			
1411347 12-16-59	LAKE AIRE MISTER RETURN.....	15	28	1.79	1	28.0	14,613	3.80	556	9	15,852	574	26%	-253	-1			
1411439 08-03-61	FROSTEA0 SKYLINER ANOY-TWIN...	8	13	1.08	4	7.9	13,512	3.42	462	13	14,089	495	25%	-124	-7			
1411458 10-18-61 STU0 41-01	TAGALONG CUPIO MOOEL.....	13	17	1.00	12	1.8	13,301	3.68	490	24	13,333	476	43%	-14	+6			
1411516 11-16-60	FOREST80LO CORRINE SENATOR....	0	11	1.09	1	11.0	13,027	3.32	432	22	13,231	476	19%	-39	-7			
1411702 10-21-60 STU0 41-01	ESTELLE0 PERFECTION REVELATION	15	34	1.06	29	1.4	12,923	3.63	469	18	12,455	447	62%	+234	+11			
1411963 12-22-60	HAEGMAN MODEL OICTATOR JO.....	22	23	1.09	1	23.0	13,638	3.31	452	10	13,740	460	22%	-13	-1			
1411975 03-26-61	LON8RIK CHAMP.....	0	15	1.33	1	15.0	12,708	3.71	471	28	13,939	508	21%	-250	-6			
1411988 01-18-60	S & W LEA0ER JENNY OE KOL.....	7	17	1.35	4	5.3	13,521	3.74	506	17	13,887	516	37%	-114	-2			
1412128 08-11-61 STU0 21-10	WINTERCREST SUNLINER.....	8	97	1.02	64	2.6	15,451	3.59	554	19	14,779	545	80%	+650	+12			
1412161 08-08-61	MAN-O-WAR 8 F CRESCENT ROCK...	17	12	1.00	2	10.1	15,339	3.17	487	22	15,158	486	20%	+74	0			
1412162 08-10-61	ELMER BROOK HI HOPE PIE8E.....	23	13	1.00	2	6.8	15,395	3.72	573	7	15,489	557	26%	+31	+6			
1412433 11-29-61 STU0 33-03	PA8ST A ONE.....	6	18	1.00	17	1.1	12,412	3.90	484	16	14,343	518	47%	-858	-13			
1412565 05-01-61	OISTINCTION PRINCE BUTTER 80Y.*	23	13	1.08	2	11.1	11,954	3.70	442	12	12,171	450	21%	-70	-1			
1412585 08-16-61	TWIN MAPLE CASANOVA LUCKY.....	33	10	1.00	2	8.2	13,207	3.51	464	39	13,090	483	20%	+18	-3			
1412625 09-07-61	WINTERTHUR IVANHOE KNIGHT QEUS*	36	11	1.00	2	9.1	13,284	3.85	511	10	14,997	535	20%	-309	-3			
1412682 11-25-61 STU0 35-05	ELMOKA HOMESTEAD0 08IE.....	12	25	1.00	13	3.2	15,284	3.43	524	15	14,270	517	49%	+536	+5			
1412831 10-12-61	BERNOT OALE JASPER REFLECTION.*	18	11	1.27	3	7.5	13,254	3.48	461	15	13,201	461	23%	+9	0			
1413065 01-09-61	WINCOWIS CAPTAIN BURKE 0RMSBY.*	8	13	1.08	3	9.4	12,956	3.46	448	17	14,020	475	23%	-227	-5			
1413083 12-07-61 STU0 35-05	8RIGEE0 MOOEL PARAGON.....	12	51	1.00	31	2.3	14,433	3.84	554	17	14,465	527	68%	+54	+21			
1413144 08-17-61	IOEAL SKIPPER BURKE.....	8	12	1.00	1	12.0	13,254	3.55	470	31	14,248	496	19%	-167	-4			
1413159 08-08-61 STUD 35-05	OIAMOND J OUSTY 8OLIVAR.....	10	32	1.00	17	2.2	13,542	3.58	485	13	13,871	505	58%	-159	-9			
1413165 06-07-58 STUD 35-75	ROCKET FOREST LEE CENTURION...	0	17	1.29	5	10.1	16,449	3.51	578	12	15,709	594	29%	+278	-1			
1413193 03-25-61	COUNTRY JOE HARTOG REBEL.....	0	19	1.32	2	15.4	14,217	3.71	527	37	14,534	472	25%	-49	+13			
1413229 01-23-61	CORRECTION A88EKERK VICTORY...	50	10	1.20	1	10.0	17,824	3.48	621	12	17,173	653	19%	+192	-2			
1413537 07-12-61	HOMO MAGICIAN CHIEF.....	0	12	1.00	9	1.5	15,471	3.35	519	9	13,364	478	36%	+755	+14			
1413597 01-18-61	THUMLANO FIOOLER.....	30	10	1.10	2	8.2	11,813	3.28	388	7	13,172	445	20%	-275	-11			
1413654 06-14-61	OIAMONO S SIR O0JO 8VAR.....	0	15	1.00	1	15.0	17,865	3.60	644	15	15,933	578	20%	+431	+15			
1413657 01-01-61	KALENE GRANDIER TY VIC.....	10	10	1.10	5	3.2	14,573	3.47	506	14	15,015	531	28%	-76	-5			
1413670 02-07-61	FAIRFIELD SKYLINER.....	8	15	1.13	5	5.2	14,761	3.47	512	19	16,084	558	33%	-341	-12			

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			HEROMATE NO	ADJUSTED AVERAGES		REPEATABILITY OF SIRE		PREO DIFF	
NUMBER	NAME	OF	SULL		NO	REC / OAU			MILK	%	FAT		MILK	FAT	SUMMARY	MILK	FAT	
1416934 11-29-61	MAVIEW OUKE 1231830 STATES	CONQUEROR.....*	3871717 1-51 0-00	0	10	1.00	2	5.2	12,972	3.81	494	37	14,081	533	24%	-244	-7	
1417031 08-27-61	AIR CREST GENERAL.....*	1198084 STATES	4262027 1-35 5-67	0	12	1.17	1	12.0	13,115	3.38	443	12	13,744	509	19%	-114	-11	
1417098 10-06-61	8ETIJO ORMSBY JEREMY.....*	1333535 STATES	3779073 1-71 0-00	9	11	1.09	3	5.3	14,820	3.27	484	28	14,679	479	26%	+70	+1	
1417106 01-23-61	SPRING COVE FUTURE CHAMP.....*	1326862 STATES	3879652 1-35 0-00	0	14	1.00	1	14.0	13,571	3.61	490	9	11,659	415	19%	+336	+13	
1417431 04-26-61	RANGELOT CRESCENT OEVAR.....*	1174329 STATES	4535556 1-33 5-67	0	17	1.29	2	15.1	15,323	3.71	569	12	13,246	483	23%	+479	+2	
1417703 08-05-60	KING MARVEL ORMSBY PIE8E.....*	1254910 STATES	4606545 2-43,47 5-67	20	10	1.20	7	2.2	13,458	3.66	493	20	13,907	516	31%	-122	-5	
1417720 04-10-58	TEXAL MAPLE MAJESTIC.....*	010218036 STATES	010862843 9-33,35,42,85,87 5-67	7	29	1.17	14	5.0	16,589	3.54	587	32	14,268	506	49%	+1182	+41	
1417939 11-28-61	SHENLEE SENSATION MAVIEW.....*	1141276 STATES	4423665 1-52 0-00	20	10	1.00	1	10.0	11,796	3.62	427	18	13,761	481	18%	-340	-9	
1418353 01-27-62 STUO 35-21	PROVIN MTN IVANHOE.....*	1189870 STATES	3993901 1-43 0-00	10	10	1.20	1	10.0	18,971	3.73	708	10	16,041	611	19%	+595	+20	
1418400 10-10-61	SKOKIE OUKE CREATOR.....*	1288610 STATES	3684075 1-21 6-67	6	18	1.00	3	9.4	18,961	3.48	660	18	19,348	672	29%	+61	+2	
1418544 03-13-61	MOOIK PA8ST LEA0ER ROYAL.....*	1215957 STATES	4573225 1-34 6-67	9	11	1.00	2	9.1	14,935	3.80	568	14	15,262	567	20%	-26	+2	
1418667 01-02-62 STUO 23-09	8LOSSOMELLE 8LACK GOLO.....*	1189870 STATES	4017841 2-23,50 6-67	15	27	1.00	25	1.1	13,581	3.73	507	9	14,393	543	57%	-403	-16	
1418737 01-24-61	REGENT TEXAL SUPREME.....*	010263853 STATES	011364515 1-43 5-67	7	23	1.04	6	8.2	12,455	3.55	442	24	13,242	460	36%	-287	-6	
1418738 03-25-61	REFLECTION CITATION MAPLE.....*	010267150 STATES	011134100 3-43,48,86 5-67	13	15	1.20	9	2.7	14,835	3.50	519	28	14,624	509	39%	+131	+5	
1418802 03-07-62	E M C IOEAL MARCH.....*	1150470 STATES	4042345 1-93 0-00	20	10	1.00	3	3.6	15,051	3.48	524	33	16,025	546	27%	-186	-3	
1419005 10-16-61 STUO 35-21	VIGO GALAXIE.....*	1189870 STATES	4757614 2-35,42 6-67	25	12	1.00	4	5.8	15,393	3.81	586	18	16,540	611	26%	-214	-2	
1419528 07-29-61 STUO 21-10	STOWELL FARMS LOUGO 8UTCH.....*	1038509 STATES	2903874 2-13,21 6-67	6	34	1.00	33	1.0	15,989	3.52	563	21	15,412	544	63%	+492	+16	
1419631 09-20-61 STUO 35-05	GRAY VIEW X OOU8LE CRIS.....*	1378594 STATES	4216792 3-35,41,74 6-67	18	22	1.00	14	1.8	13,254	3.64	482	14	14,175	510	50%	-414	-12	
1419633 10-21-61	GRAY VIEW X TRAOITION.....*	1378594 STATES	4397177 1-35 6-67	17	12	1.00	2	10.1	13,243	3.88	514	18	14,233	534	20%	-183	-2	
1419662 07-29-61	TIERNEY ARISTOCRAT 8EV CHURCHY*	1124780 STATES	4596776 1-52 0-00	0	10	1.00	1	10.0	16,676	3.46	577	48	15,183	506	18%	+297	+13	
1419745 08-24-61	WAYFIELO SENATOR.....*	1376402 STATES	3832699 1-32 5-67	8	12	1.25	1	12.0	15,343	3.71	569	27	15,671	595	20%	-18	-2	
1419839 02-10-62 STUO 23-11	MAR0Y IVANHOE LEA0ER.....*	1189870 STATES	3043657 1-23 6-67	5	19	1.00	15	1.5	14,839	3.60	534	14	14,522	538	47%	+203	+1	
1419950 09-14-61 STUO 61-02	NORFRED INKA SUPREME-TWIN.....*	010233528 STATES	3934865 2-32,33 6-67	0	27	1.04	24	1.2	13,233	3.79	501	12	13,596	505	57%	-192	0	
1420139 06-23-60	INGLESIOE LAOOIE SENATOR.....*	1320306 STATES	4250950 1-52 5-67		21	1.38	3	9.6	13,195	3.47	458	52	14,367	495	34%	-365	-11	
1420215 02-22-62 STUO 23-11	8UOO FARM AM8ASSA00R.....*	1306065 STATES	3938195 2-23,55 6-67	36	28	1.00	20	1.8	11,655	4.01	467	12	13,844	514	56%	-1187	-24	
1420339 02-23-61	OAGES NC CREATOR CREATOR OON...*	1135380 STATES	4486030 1-31 5-67	15	20	1.15	2	18.1	17,080	3.35	572	40	15,631	513	23%	+384	+14	
1420413 04-28-61 STUO 35-03	RAG APPLE ROYAL MAPLE.....*	1305460 STATES	011085334 5-31,35,41,42,65 6-67	12	291	1.09	141	3.0	13,836	3.62	501	15	14,005	512	92%	-95	-7	
1420414 05-31-61 STUO 35-03	GLENAFTON RAG APPLE VITALITY...*	010273925 STATES	011248434 5-35,42,57,65,87 6-67	13	158	1.08	98	2.5	13,767	3.65	503	16	14,177	514	87%	-284	-6	
1420766 05-24-61 STUO 23-11	SALUTE SUMMIT VIEW.....*	1189870 STATES	011095016 2-23,55 6-67	12	97	1.04	78	1.4	13,773	3.81	525	13	14,669	530	82%	-628	0	

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF FAT	
NUMBER	NAME	OF BULL			NO	REC / OAU			MILK	%	FAT	HERO	MILK	FAT			
1420857 10-22-61	NACHES ROYAL 1359798 STATES	OUKE.....* 3559199 1-87	17 0-00	12	1.00	2	10.1	14,077	3.45	486	18	14,138	518	20%	+3	-5	
1421128 11-11-61 STU0 61-02	MAN-O-WAR B F 1188731 STATES	CRESCENT SKYWAY.* 4496001 2-33,42	0 6-67	29	1.00	23	1.5	12,117	3.75	454	12	13,628	497	57%	-851	-23	
1421168 02-11-62	YARBA IVANHOE 1189870 STATES	REGAL.....* 4975464 1-55	0 6-67	14	1.00	1	14.0	13,823	3.88	537	26	12,257	466	19%	+281	+13	
1421217 10-19-61	AMSTEROAM SENSATION..... 1396921 STATES	4714871 1-81	10 0-00	10	1.00	1	10.0	15,500	3.40	527	4	16,583	585	18%	-134	-8	
1421257 10-26-61 STU0 48-01	THONYMA PROFESSOR.....* 1181068 STATES	3417595 1-48	36 6-67	14	1.00	9	1.8	11,405	3.84	438	20	13,796	496	39%	-903	-2	
1421423 05-13-61	8ONNIE OE KOL 1118038 STATES	STAN00UT JACKIE.* 3036966 2-35,74	16 5-67	19	1.11	2	17.1	14,511	3.74	543	28	15,103	560	23%	-93	-1	
1421505 03-04-62 STU0 52-01	FOXLEASE PONTIAC IVANHOE SIR..* 1189870 STATES	3289194 1-52	10 0-00	10	1.00	5	2.4	15,695	3.94	618	13	14,200	546	29%	+463	+23	
1422095 03-28-62 STU0 23-11	WIS ROBURKE.....* 1292880 STATES	3111751 1-23	14 6-67	14	1.00	10	2.0	12,600	3.79	477	11	13,864	510	38%	-458	-11	
1422183 02-17-62 STU0 41-01	BEAU SHAMROCK EMINENT.....* 010260599 STATES	3493104 2-35,41	18 6-67	12	1.00	11	1.1	13,149	3.47	456	14	13,221	470	37%	-31	-5	
1422312 03-10-61	HAGER SAMASE FOBES VEE0ICITION.* 1210507 STATES	4090170 1-43	9 5-67	13	1.23	2	11.1	10,573	3.38	357	41	11,363	390	22%	-216	-8	
1422550 12-03-61	ROSEROW QUEEN BOY.....* 1315498 STATES	4700313 1-31	0 0-00	10	1.00	3	4.6	13,977	3.55	496	13	12,917	470	25%	+250	+6	
1422586 11-10-61 STU0 41-25	ST CROIXCO PRAIRIE OE LUXE.... 1291499 STATES	4451201 4-35,41,42,43	25 0-00	12	1.00	11	1.1	11,147	3.80	424	14	12,553	451	37%	-550	-10	
1422706 08-09-61	LEIFELOS OUKE LEADER COMET..... 1150470 STATES	4219453 1-41	13 0-00	11	1.00	2	5.9	14,680	3.63	533	11	14,895	548	24%	-14	-1	
1422892 10-11-61 STU0 33-03	LOGWOOD BENEFACTOR BLANE.....* 1199324 STATES	4125865 1-51	10 6-67	10	1.00	4	3.0	14,098	3.75	529	23	13,787	510	28%	+98	+6	
1423138 11-14-61 STU0 41-01	LUND OALE JERRY SKYMASTER-TWIN 1261140 STATES	4576869 2-41,45	0 6-67	20	1.05	15	2.1	13,591	3.75	510	26	13,342	479	47%	+115	+14	
1423201 01-03-62 STU0 33-03	SMITHOLM LUCROSS-TWIN.....* 1378594 STATES	3841838 15-23,31,32,34,35	36 6-67	39	1.00	34	1.3	11,834	3.84	455	12	13,972	504	65%	-1351	-30	
1423301 10-19-60	SPARKLER SKYLINE.....* 1244845 STATES	4477642 1-31	10 5-67	21	1.14	3	12.8	13,238	3.36	445	13	13,572	468	29%	-88	-6	
1423332 03-26-61	PIEPKOW CI MAX.....* 1312111 STATES	4369791 1-34	55 0-00	11	1.00	2	9.1	12,116	3.87	469	20	12,705	464	20%	-130	+1	
1423468 12-11-61	CHEERYLANES ASTRONAUT.....* 1315498 STATES	4206229 1-82	18 0-00	11	1.00	1	11.0	13,452	3.96	533	54	13,735	537	18%	-44	0	
1423680 12-18-61 STU0 35-05	STUROY OAK ROYAL FOBES.....* 1305460 STATES	5081180 3-33,35,63	17 6-67	29	1.00	14	2.9	14,081	3.39	478	13	14,663	533	53%	-239	-26	
1424022 10-29-61	PINEYHILL METEOR.....* 1295523 STATES	4507237 2-34,71	5 0-00	22	1.00	2	20.0	13,993	3.60	504	252	13,453	469	22%	+123	+7	
1424330 01-15-62 STU0 41-01	M V B A IVANHOE POLLY BOB..... 1189870 STATES	3988198 3-41,45,46	0 6-67	14	1.00	13	1.1	15,749	3.51	553	18	14,084	505	41%	+709	+20	
1424932 03-17-62 STU0 48-01	TORKS FONO LEE.....* 1243697 STATES	3384148 2-43,48	11 0-00	18	1.00	13	1.8	12,756	3.83	489	15	13,661	475	45%	-388	+6	
1425137 01-04-61 STU0 33-03	CITATION CHAMBRIC MARSHALL.....* 010267150 STATES	011447825 5-21,31,33,41,93	0 6-67	10	1.10	8	1.6	16,324	3.46	564	17	14,576	537	32%	+600	+10	
1425908 07-25-61	FLYNN FIELO HMSTD ROYAL HOWDY.* 1365058 STATES	4820609 3-42,46,47	12 5-67	17	1.06	6	8.7	14,083	3.68	518	36	13,990	511	29%	+45	+3	
1426384 06-18-61 STU0 61-02	FOHON IOEAL MOOEL.....* 1150470 STATES	4419504 4-31,32,33,42	0 6-67	59	1.02	41	2.0	14,787	3.47	513	20	13,929	508	72%	+660	+5	
1426548 12-05-61	TABUR SUPREME S R LOKA00.....* 1278342 STATES	4691272 1-43	0 0-00	11	1.09	1	11.0	11,841	3.64	431	12	12,044	425	19%	-61	0	
1426860 07-15-61	SENSATION WALCROFT.....* 010267150 STATES	011162114 1-31	36 0-00	14	1.00	1	14.0	9,757	3.60	351	9	11,859	413	19%	-434	-12	
1427022 08-19-61	NELLANDIA CAPTAIN CCURAGEOUS.. 1234023 STATES	5298667 1-35	10 0-00	11	1.00	1	11.0	13,239	3.51	465	15	14,393	489	18%	-190	-3	

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED OFF FAT
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HERDMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY		
1427052	MOOKOWN OPTIMIST.....*	18	71	1.00	60	1.4	15,061	3.54	533	15	14,585	537	77%	+461	+1	
12-28-61	1243697	4397687	6-67	STUD 23-09	STATES	1-23										
1427494	FOHON ELSIE LEAOKER OESIGN.....	0	11	1.00	1	11.0	11,147	3.80	424	3	10,895	403	18%	+1	+2	
10-20-61	1298378	5005668	0-00	STATES	1-42											
1427589	RAY-LOU IVANHOE 8ELL8OY.....*	20	10	1.00	2	6.8	15,506	3.41	529	40	16,558	580	21%	-154	-8	
01-23-62	1189870	4476388	0-00	STATES	1-21											
1427615	ROMANOALE OIVIOEND PERFORMER...*	6	181	1.00	134	1.7	15,962	3.49	557	18	14,427	535	89%	+1463	+24	
08-05-61	010257174	010956217	6-67	STUD 23-09	STATES	2-21,23										
1428565	PAULINA ROYAL KING.....*	9	11	1.00	1	11.0	15,476	3.84	595	19	14,426	532	18%	+211	+12	
12-29-61	1354925	4228477	0-00	STATES	1-31											
1428634	GLENAFTON RAG APPLE HARTOG....*	12	17	1.00	11	1.8	15,381	3.59	552	15	14,806	540	43%	+310	+7	
12-05-61	010273925	010672857	6-67	STUD 61-02	STATES	1-31										
1428649	WINFARM RAG APPLE MAGIC.....*	0	20	1.00	6	6.2	17,141	3.62	621	23	16,541	632	36%	+332	+1	
06-14-61	1138451	4691783	5-67	STATES	2-16,21											
1428809	WALKWAY IVANHOE 8EN.....*	13	17	1.06	15	1.3	13,561	3.72	505	26	13,356	482	45%	+93	+10	
12-09-61	1189870	4598574	6-67	STUD 35-21	STATES	3-41,42,43										
1429355	HERPHAN8A HOMES LOCHINVAR.....	7	14	1.00	1	14.0	12,892	3.58	462	11	14,729	534	19%	-327	-12	
08-21-61	1233014	4770325	0-00	STATES	1-32											
1429456	VINEOALE BURKE IDEAL.....*	0	35	1.06	30	1.2	13,117	3.64	477	14	14,136	514	63%	-595	-21	
05-23-58	1013415	010802212	6-67	STUD 61-02	STATES	2-33,35										
1429958	KOM 8OSS GOLO MAPLE GENERAL....	0	13	1.08	1	13.0	13,671	3.54	484	13	13,850	505	19%	-24	-3	
02-23-62	1326796	5065951	6-67	STATES	1-34											
1430476	HEERSCHKE SKYLINER MISTER.....*	15	13	1.00	3	4.6	15,402	3.43	529	15	14,432	505	30%	+321	+8	
07-08-61	1244845	3662679	6-67	STATES	2-48,73											
1430546	ROMANOALE REFLECTION POMPEY...*	33	12	1.17	2	7.5	11,913	3.33	397	10	14,320	514	24%	-563	-27	
09-23-61	010260008	011599572	5-67	STATES	1-34											
1431720	WEAVERS SOVEREIGN PAUL.....*	0	27	1.00	22	1.5	14,129	3.49	493	17	13,757	510	56%	+229	-7	
01-21-62	010233528	010772739	6-67	STUD 61-02	STATES	3-33,35,74										
1431721	VINEOALE REFLECTION CAPITAINE.*	0	91	1.01	74	1.4	13,966	3.66	511	13	13,853	508	81%	+132	+4	
03-13-62	010260599	010929296	6-67	STUD 61-02	STATES	5-32,33,35,73,74										
1432351	HAWKHERST MARQUIS REFLECTOR...*	0	10	1.00	5	2.8	14,307	3.49	499	33	15,161	518	28%	-190	-3	
02-27-61	010260008	010931444	0-00	STATES	2-85,87											
1432528	HOMERVILLE FONO HOPE WINNER...	0	13	1.00	1	13.0	12,726	3.32	422	15	13,784	459	19%	-192	-7	
07-25-61	1253769	3911791	0-00	STATES	1-31											
1432809	HALOLA CRESTON OONALO.....*	0	15	1.00	2	7.8	16,423	3.56	584	59	16,185	579	27%	+142	+4	
10-24-61	1227684	4125266	0-00	STATES	1-74											
1437226	STEVE WHITE STANDARD.....	0	12	1.17	1	12.0	11,994	3.51	421	12	12,867	471	19%	-178	-9	
08-09-61	1237270	3779556	0-00	STATES	1-61											
1437840	DI88LE CRESCENT 8LACK CRUSAOKER*	0	12	1.00	1	12.0	12,837	3.71	476	17	12,495	470	19%	+48	+1	
11-08-61	1014925	5012703	0-00	STATES	1-33											
1439179	COOLIOGE ZEUS DORA HILEX.....*	60	10	1.00	1	10.0	11,879	3.72	442	34	14,994	538	18%	-521	-15	
06-12-62	1213164	4325069	0-00	STATES	1-86											
1444527	WAUKONA SKY 8OMBER-TWIN.....*	11	14	1.14	5	7.4	14,574	3.53	514	33	15,259	550	27%	-135	-7	
07-14-61	1244845	3672003	6-67	STATES	2-86,91											
1447034	COLONY VALE CYVALE SIR JEWEL...*	14	19	1.00	8	5.4	14,259	3.53	504	39	15,838	559	37%	-485	-16	
03-31-55	010240522	010900757	0-00	STUD 91-13	STATES	2-91,93										
010207040	HAYS HISTORIAN ROYAL H.....*		10	2.00	10	1.0	13,442	3.76	506	13	13,012	468	38%	+149	+14	
01-14-48	010189667	010293803	5-67	STATES	4-13,16,21,23											
010236189	MONOAK FONO HOPE ROMEO.....*	13	15	2.27	11	2.3	10,235	3.40	348	43	11,960	410	45%	-840	-30	
07-12-51	010212300	010542139	5-67	STATES	5-12,21,22,34,56											
010244671	HILLYNN SOVEREIGN JOHANNA-TWIN*		13	2.77	9	2.5	13,691	3.83	525	13	13,240	487	40%	+177	+15	
03-24-53	010233629	010858270	5-67	STATES	4-16,21,23,51											
010248053	CHESTERLEA GRAYMAR SENATOR....*		10	2.50	6	2.4	11,914	3.84	457	14	12,907	473	36%	-377	-5	
04-02-54	010215551	010737417	5-67	STATES	2-13,23											
010250585	BECKHAVEN R A 8ENEFACOR.....*		14	1.43	10	1.8	12,864	3.82	492	8	13,266	495	42%	-170	0	
07-21-54	010205583	010827528	5-67	STATES	3-11,12,14											
010252101	VINEOALE REGAL PA8ST.....*		10	2.30	8	1.6	11,519	3.57	411	14	12,425	434	37%	-366	-9	
11-16-53	010225534	010929296	5-67	STATES	5-21,51,54,58,63											

142

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY OF SIRE SUMMARY	PREOIFF MILK	FAT
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			AVERAGES %	FAT	HEROMATE NO	MILK				
350XL6666	STATES	1-35	29	15	1.00	1	15.0	12,642	4.05	512	9	14,157	537	20%	-282	-3
35HZ82873	STATES	1-35	0	12	2.00	1	12.0	10,066	3.76	378	10	11,125	386	22%	-285	-3
35KZ24732	STATES	1-35		11	1.36	1	11.0	10,883	3.73	406	1	11,038	402	20%	-75	0
35MG52513	STATES	1-35	0	14	3.00	1	14.0	9,291	3.34	310	6	10,669	380	25%	-416	-19
35MS54131	STATES	1-35	0	13	3.54	1	13.0	10,222	3.57	365	3	11,146	394	25%	-289	-9
35MY18423	STATES	1-35	0	16	1.94	1	16.0	10,717	3.42	366	2	10,226	381	24%	+43	-5
35O848033	STATES	1-35		13	2.54	2	6.5	11,497	3.52	405	4	11,700	412	33%	-120	-4
35OS75087	STATES	1-35	0	11	2.27	1	11.0	12,159	3.49	424	3	11,882	430	22%	+29	-2
35PQ1234	STATES	1-35	0	14	3.64	1	14.0	13,687	3.43	469	10	12,972	453	27%	+179	+3
35Q940948	STATES	1-35		23	2.26	2	21.0	12,173	3.45	420	5	11,471	409	26%	+135	+1
35SH81309	STATES	1-35	0	10	1.30	1	10.0	10,331	3.53	365	6	10,158	364	19%	-27	-1
35S274639	STATES	1-35		15	2.13	1	15.0	10,184	3.60	367	6	10,568	395	24%	-161	-8
35TK49189	STATES	1-35	0	19	2.58	1	19.0	9,972	3.42	341	3	11,437	394	26%	-428	-15
35WAC1498	STATES	1-35		12	2.50	1	12.0	15,232	3.68	560	8	15,465	561	23%	-4	+1
35WAD1070	STATES	1-35	0	10	2.30	1	10.0	11,699	3.41	399	4	13,339	485	22%	-363	-18
35WAO1405	STATES	1-35		12	4.00	1	12.0	13,202	3.98	526	9	14,649	532	26%	-343	0
35WAE1667	STATES	1-35		16	1.19	1	16.0	11,324	3.78	428	10	11,141	402	21%	-7	+4
35WAF5750	STATES	1-35		18	2.22	1	18.0	11,174	3.55	397	2	11,206	405	25%	-62	-3
35WAF7529	STATES	1-35	0	13	3.31	1	13.0	11,942	3.53	422	7	11,882	444	26%	-22	-6
35WAF7575	STATES	1-35		11	2.73	1	11.0	12,254	3.74	458	8	12,184	437	24%	-10	+4
35WAG1706	STATES	1-35	9	11	2.27	1	11.0	14,523	3.32	482	9	13,250	459	23%	+293	+5
35WAI6063	STATES	1-35	0	10	3.70	1	10.0	13,507	3.52	475	18	13,562	501	25%	-8	-5
35WAJ1199	STATES	1-35		19	2.74	1	19.0	10,697	3.38	362	7	12,051	426	26%	-379	-17
35WAK2786	STATES	1-35	0	10	1.90	1	10.0	15,754	3.61	569	17	15,155	562	21%	+167	+3
35WAN8920	STATES	1-35		15	1.33	1	15.0	13,043	3.39	442	10	12,640	468	21%	+71	-5
35WAP9575	STATES	1-35	10	10	1.00	1	10.0	11,967	3.28	393	15	13,250	458	18%	-228	-11
35WAR6471	STATES	1-35	10	11	2.64	1	11.0	14,098	3.34	471	11	13,722	501	24%	+97	-6
35WAS2468	STATES	1-35	0	18	2.94	1	18.0	11,626	3.42	398	6	12,349	424	27%	-222	-8
35WAS2783	STATES	1-35		10	1.60	1	10.0	12,673	3.37	427	13	15,600	507	20%	-545	-15

HOLSTEIN

143

REGISTRATION					INC %	DAUGHTERS NO	REC / OAU	NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	MILK						%	FAT	NO	MILK	AVERAGES	FAT	OF SIRE SUMMARY	OFF MILK	FAT
35WAT4017	.....	5-67	11	2.00	1	11.0	15,387	3.50	538	13	15,295	536	23%	+65	+2		
	STATES	1-35																
35WAT4897	.....	5-67	19	2.68	1	19.0	12,742	3.37	430	19	12,684	443	26%	-1	-3		
	STATES	1-35																
35WAX6083	.....	5-67	11	3.09	1	11.0	11,761	3.53	415	13	11,910	456	24%	-69	-9		
	STATES	1-35																
35WAX6084	.....	5-67	15	4.13	1	15.0	11,236	3.97	446	12	11,842	419	28%	-211	+6		
	STATES	1-35																
35WAX6925	5-67	0	15	2.93	1	15.0	11,197	3.54	396	15	11,454	428	26%	-117	-9		
	STATES	1-35																
35W8C6513	5-67	0	20	2.40	1	20.0	13,858	3.49	484	3	13,158	473	26%	+178	+3		
	STATES	1-35																
35WE36660	5-67	0	11	4.00	1	11.0	13,236	3.64	482	12	13,174	489	25%	+11	-1		
	STATES	1-35																
35WJA9346	5-67	27	11	1.00	2	5.9	13,805	3.64	502	12	15,514	576	24%	-360	-15		
	STATES	1-35																
350AA0834	5-67		13	2.69	1	13.0	9,749	3.71	362	3	10,257	373	25%	-199	-4		
	STATES	1-35																
350AA9598	5-67		12	2.42	1	12.0	10,702	3.41	365	10	11,121	404	24%	-151	-10		
	STATES	1-35																
350A81073	5-67	0	10	2.10	1	10.0	10,322	3.43	354	2	10,879	387	22%	-176	-8		
	STATES	1-35																
350A83839	5-67		15	2.27	1	15.0	12,141	3.57	434	6	12,203	405	25%	-43	+5		
	STATES	1-35																
350A89923	5-67	0	15	2.67	1	15.0	11,624	3.97	461	4	13,006	493	24%	-345	-7		
	STATES	1-35																
350AC8234	5-67		22	3.73	1	22.0	12,070	3.47	419	6	12,051	432	29%	-31	-4		
	STATES	1-35																
350AE2460	5-67	0	10	2.60	1	10.0	11,161	3.49	389	9	11,139	417	23%	-44	-7		
	STATES	1-35																
350AG2586	5-67	0	12	2.42	1	12.0	12,146	3.61	439	4	12,872	482	24%	-183	-9		
	STATES	1-35																
350OL3333	5-67		17	2.35	1	17.0	13,817	3.63	502	10	14,275	519	25%	-90	-2		
	STATES	1-35																
350HR2222	5-67		16	2.81	1	16.0	11,541	3.65	421	9	11,584	392	26%	-57	+5		
	STATES	1-35																
350HR3333	5-67	20	18	2.89	1	18.0	11,771	3.35	394	8	11,933	432	27%	-81	-11		
	STATES	1-35																
350HR4444	5-67	71	12	1.50	1	12.0	10,348	3.45	357	14	11,566	402	21%	-290	-10		
	STATES	1-35																
350VE9379	5-67	18	14	2.29	1	14.0	12,772	3.49	446	11	12,706	440	23%	0	0		
	STATES	1-35																
350VL9264	5-67		15	2.47	1	15.0	13,053	3.62	473	10	13,314	474	24%	-63	0		
	STATES	1-35																
350WS5555	5-67		12	2.08	1	12.0	11,095	3.55	394	7	12,264	430	23%	-292	-9		
	STATES	1-35																
350CA2906	5-67		13	2.08	1	13.0	12,266	3.65	448	7	12,851	462	24%	-152	-3		
	STATES	1-35																
350JF6728	5-67	0	10	3.00	1	10.0	12,429	3.76	467	14	13,181	496	23%	-179	-6		
	STATES	1-35																
41WAE8108	5-67	14	10	2.70	1	10.0	12,594	3.42	431	18	13,293	483	22%	-157	-11		
	STATES	1-41																
41WAF5110	5-67		15	1.07	2	7.8	13,031	3.58	467	6	13,345	484	28%	-86	-4		
	STATES	1-41																
41WAP2599	5-67		13	1.38	1	13.0	13,711	3.57	490	2	13,408	498	21%	+64	0		
	STATES	1-41																
41WAZ8664	5-67	0	10	2.00	1	10.0	11,533	3.65	421	3	12,402	437	22%	-207	-4		
	STATES	1-41																

HOLSTEIN

144

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK			%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
41W8G7748	STATES	1-41	5-67	17	1.06	1	17.0	13,862	3.48	482	2	13,673	498	21%	+45	-2	
41W8H6618			5-67	13	1.54	2	11.1	11,627	3.49	406	13	11,195	391	23%	+50	+1	
41WCK7910	STATES	1-41	5-67	4	26	1.62	1	26.0	10,091	3.65	368	7	11,429	414	25%	-382	-12
41WCS0105			5-67	31	29	1.17	1	29.0	10,762	3.52	379	6	12,007	441	23%	-316	-14
42WAM0649	STATES	1-42	5-67	13	1.00	2	7.4	8,864	3.59	318	8	10,155	364	25%	-402	-14	
42WAW8986			0-00	20	10	1.00	1	10.0	10,167	3.46	352	6	12,502	448	18%	-427	-17
42W8C6515	STATES	1-42	5-67	0	12	1.50	1	12.0	11,403	3.56	406	4	11,619	410	21%	-80	-1
42W8C6655			0-00	12	1.08	1	12.0	13,278	3.19	423	8	13,116	478	19%	+26	-10	
45WA82516	STATES	1-45	5-67	3	34	1.62	1	34.0	13,352	3.48	465	104	13,388	460	26%	-7	+1
48WH84472			0-00	0	12	1.25	3	7.1	13,183	3.43	452	24	13,122	467	26%	+10	-3
48WH01676	STATES	1-48	5-67	0	11	1.18	1	11.0	13,407	3.77	506	7	11,481	423	19%	+332	+15
55ADL5184			5-67	0	19	1.11	1	19.0	11,862	3.53	419	2	12,288	444	21%	-112	-5
61WA89609	STATES	1-61	5-67	8	13	1.08	1	13.0	14,270	3.27	467	14	14,940	508	19%	-98	-7
82WAC6101			0-00	11	1.18	1	11.0	15,102	3.45	521	11	14,587	502	19%	+122	+4	
82WAC7687	STATES	1-82	5-67	15	14	1.50	1	14.0	16,484	3.29	543	20	15,681	542	22%	+226	+1
93W886509			5-67	8	16	1.25	1	16.0	13,599	3.65	496	186	14,469	512	21%	-160	-2

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED DIFF MILK	FAT
NUMBER	NAME	OF	SULL		NO	REC / OAU			MILK	%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY		
390373 10-27-37 STUO 35-75	LILAC COURIER..... 376690 1137960 STATES 3-33,35,55	*	5-67		8	2.25	8	1.0	6,977	5.33	372	5	7,569	392	34%	-230	-9
394220 10-27-37	ITASIA GOLO 80NO..... 357879 961918 STATES 1-35		0-00	5	4.00		1	5.0	6,527	5.04	329	5	6,517	335	20%	-34	-3
401669 07-12-38 STUO 35-75	BRAMPTON WONDERFUL X..... 010007003 010100871 STATES 9-23,34,35,51,55	*	5-67	0	26	2.69	24	1.1	7,451	4.98	371	8	7,620	395	63%	-155	-21
411812 08-15-39	GIL-BAR STANDARD GENE..... 372458 1040890 STATES 1-35		0-00	5	1.00		1	5.0	4,256	5.33	227	3	5,280	291	14%	-181	-11
420684 STATES	..... 0-00 1-35			8	2.38		2	5.0	7,060	5.03	355	6	7,363	381	25%	-101	-8
426463 09-21-41 STUO 35-05	BILTMORE ROYAL KING..... 381846 855329 STATES 3-35,41,42	*	5-67	0	17	2.88	13	1.5	8,198	5.09	417	7	7,691	397	52%	+226	+5
431207 10-07-41 STUO 35-75	SIGNAL EXCELLA-S OESIGN..... 393529 1110278 STATES 8-33,35,41,57,58		5-67	0	37	3.27	21	3.4	7,965	5.26	419	10	8,054	408	66%	-82	+1
433117 01-24-41	ADOMIRATION OBSERVER..... 375857 1039213 STATES 1-35		0-00	8	1.50		1	8.0	6,460	4.98	322	1	5,902	298	18%	+56	+1
433506 STUO 93-08	..... 0-00 1-93	*		5	3.40		3	2.2	11,755	5.16	607	11	10,359	566	23%	+371	+11
434506 08-26-41	OXFORD NOBLE GOLO VOLUNTEER... 393812 1200897 STATES 1-35		0-00	26	1.54		3	11.5	6,578	5.11	336	2	7,197	351	37%	-276	-10
434560 01-20-42 STUD 35-05	OWL OXFORD ADVANCER..... 380846 1126171 STATES 2-35,41	*	5-67	14	2.50		6	5.1	8,341	4.94	412	9	7,378	376	37%	+319	+9
437641 02-04-42	PIXY-S BARONET BROOKES..... 399328 1200982 STATES 1-35		0-00	6	1.67		4	1.6	7,270	5.87	427	7	7,471	397	24%	-70	+5
439197 05-31-42	SUCCESSOR WILLOW OWN..... 399329 1358925 STATES 1-35	*	5-67	8	2.25		2	5.0	7,790	5.48	427	7	7,643	412	24%	+17	+2
441250 09-13-42 STUO 35-05	ROYAL MASTERMAN LAD..... 371152 1210261 STATES 2-35,41		5-67	37	2.78		12	14.8	6,811	4.70	320	8	7,294	355	45%	-269	-21
449719 10-08-42 STUD 35-05	FOREMOST BRIGHT MAJESTY..... 405079 1232037 STATES 4-31,35,41,42	*	5-67	0	23	3.22	14	2.8	7,962	5.46	435	6	7,890	415	56%	+11	+7
451566 STATES	..... 5-67 1-35	*		7	2.86		1	7.0	5,957	5.34	318	5	5,901	309	21%	-40	-1
452338 06-08-43 STUO 35-05	SYBIL STOCKWELL AUSSIE..... 368386 1121147 STATES 2-35,41	*	5-67	0	59	2.90	29	3.0	7,574	4.91	372	7	7,698	398	75%	-146	-26
452574 12-02-41 STUD 35-75	VICTOR SIEGFRIED KNIGHT..... 377872 1198443 STATES 4-23,33,35,48	*	5-67	0	15	2.80	11	1.9	7,575	5.27	399	12	7,993	412	47%	-214	-9
453372 12-13-43	WILMA OESIGN OXFORD..... 420819 1256863 STATES 1-35		0-00	6	2.50		1	6.0	7,511	5.34	401	7	8,198	428	19%	-133	-5
454188 10-12-43 STUO 35-05	BILTMORE SPARKLING SIR..... 364941 1265921 STATES 3-35,41,42	*	5-67	0	28	2.64	22	1.5	7,521	5.13	386	7	7,625	394	64%	-116	-11
454720 04-17-44 STUO 35-05	DAIRYLIKE SYBIL BARONET LAD... 386290 1209385 STATES 1-35	*	5-67	11	2.64		4	4.0	7,429	5.06	376	6	7,218	375	34%	+31	-3
454897 07-03-43	HOLLYHOCK DREAM OESIGN BILL.... 418481 1300244 STATES 1-35	*	5-67	7	2.43		3	2.7	7,742	5.01	388	4	7,865	413	26%	-46	-8
455464 08-30-43	SYBIL ST. MAWES OWL..... 381020 1366967 STATES 1-35	*	5-67	5	1.00		2	2.6	7,528	4.84	364	6	7,202	386	17%	+34	-5
455845 05-26-44 STUD 35-05	REMUS REX LILAC LAD..... 396711 1207931 STATES 7-35,41,82,91,92	*	5-67	0	51	3.12	28	2.8	8,204	5.38	441	9	8,082	422	74%	+65	+8
458235 03-18-44	SYBIL OWL AUGUSTUS..... 396681 1098516 STATES 3-35,41,42	*	5-67	8	1.88		4	2.7	6,922	5.30	367	14	8,089	420	28%	-329	-16
458513 03-13-43	FERN-S VICTOR HOPE CHAMPION... 403809 1236603 STATES 1-35		0-00	5	3.00		3	2.2	6,722	5.12	344	9	7,079	361	24%	-115	-6
461175 11-25-43	STANDARD LORO FOX..... 367772 1090656 STATES 1-35		0-00	5	2.60		1	5.0	8,236	5.03	414	7	7,728	383	17%	+76	+3
461445 10-16-44	VALIANT VOLUNTEER AIM..... 436094 1200688 STATES 1-35	*	5-67	11	1.64		2	6.6	7,086	5.35	379	4	7,912	382	26%	-226	-3
461725 10-16-44	SYBIL OWL ATMORE..... 396681 1325405 STATES 1-35		0-00	0	14	2.14	3	6.0	7,228	5.22	377	7	7,433	383	34%	-102	-5

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE NO	AVERAGES		REPEATABILITY OF SIRE SUMMARY	ABILITY PREOIFF	
NUMBER	NAME	OF	BULL		NO	REC / OAU			MILK	%	FAT		MILK	FAT		MILK	FAT
461773	CREAMER LORO	03-21-43	410975 1160479 5-67 STATES 1-35		9	2.56	1	9.0	7,668	4.94	379	16	7,076	359	22%	+102	+1
462917	VALIANT GAMBOGE VOLUNTEER	08-22-43	389049 1177854 5-67 STATES 1-35		8	3.13	1	8.0	7,026	5.19	365	4	7,485	388	21%	-112	-6
464517	GOLDEN FAME	09-21-44	402156 1224510 5-67 STATES 1-35		9	1.33	4	2.7	7,132	5.65	403	5	8,362	425	28%	-347	-7
465264	LILAC BARONET LAO	01-21-44	450976 1440114 5-67 STATES 1-35		8	4.38	1	8.0	7,084	4.98	353	7	6,577	340	23%	+74	0
465377	PINNACLE FAVORITE STANOARO	05-28-44	384462 1151355 5-67 STUO 35-05 STATES 2-35,41	0	15	3.87	12	1.5	7,131	5.09	363	8	7,403	382	49%	-183	-14
470112	JERSEY STANOARO	04-22-45	409565 1189192 5-67 STUO 35-75 STATES 5-32,33,34,35,41		13	3.38	9	1.7	8,366	5.16	432	9	8,302	422	45%	+23	+1
470289	TONEY ADMIRAL	05-23-45	412700 1363239 5-67 STATES 1-11		7	1.29	2	5.2	6,611	4.63	306	1	7,577	367	19%	-199	-13
475545	SYBIL OWL BRANON	12-15-45	396681 1155878 5-67 STATES 1-35	0	23	2.22	4	7.9	6,834	5.12	350	5	7,099	364	42%	-165	-11
475583	FRANETTE GAMBOGE LAO	01-07-45	442309 1465750 5-67 STATES 1-35		7	2.43	1	7.0	7,810	5.21	407	3	7,531	408	20%	+38	-1
475585	MARGATE-S GOLOEN MAOCAP	10-01-45	397427 1465751 1-63 STATES 1-35	0	13	1.23	1	13.0	5,356	4.99	267	4	6,259	332	20%	-225	-16
477951	PIXY FARM MAJESTY	02-19-46	400955 1056105 5-67 STATES 1-35	0	21	1.62	2	11.0	6,382	5.20	332	10	7,177	354	32%	-297	-11
479214	LASSIE OBSERVER OESIGN	09-26-46	469640 1261449 5-67 STATES 1-35		6	1.83	2	3.0	6,925	5.14	356	2	7,090	371	22%	-64	-5
479409	BASILEUS VALIANT VICTORY	04-28-46	456866 1414088 5-67 STATES 1-35		7	2.43	2	5.2	7,317	4.96	363	5	7,311	379	21%	-21	-5
479967	ARROWDALE BARONET	01-23-45	412781 1451895 0-00 STATES 1-35		8	2.25	2	6.2	7,626	5.57	425	3	7,434	381	23%	+22	+7
481614	SPARKLING SIR STANOARO	05-21-46	388076 1383191 5-67 STUO 35-05 STATES 4-35,41,43,73	0	13	2.23	9	1.9	6,318	5.27	333	6	7,113	368	42%	-385	-19
481781	ROYAL OESIGN ROSEBOY	10-01-46	406931 1303072 5-67 STATES 2-35,42		19	2.89	4	7.9	7,208	4.91	354	10	7,339	369	38%	-90	-10
482120	BLONOE RALEIGH	03-08-46	418821 1445857 5-67 STATES 1-35		12	4.08	4	7.0	7,899	5.32	420	5	7,778	404	32%	+18	+2
483692			0-00 STATES 1-35		5	2.00	2	2.6	7,712	4.53	349	7	6,788	350	21%	+158	-2
484702	OWEL-S NOBLE OUK	11-08-46	439197 1521798 0-00 STATES 1-35		7	3.14	2	5.2	6,284	5.39	339	7	6,987	367	23%	-191	-8
484992	ROYAL FOREMOST PRIMATE	07-13-46	406931 1388705 5-67 STUO 35-05 STATES 3-35,41,43	0	19	3.05	13	1.6	7,330	5.42	397	8	7,272	376	54%	-29	+5
485020	OESIGN MAOCAP LORO	11-10-46	390416 1268806 5-67 STATES 1-35		15	3.13	2	13.1	6,149	5.20	320	6	7,050	357	28%	-288	-13
486157	BASILEUS THOMAS VALIANT	10-12-46	452342 1312312 5-67 STUO 35-02 STATES 2-31,35	0	29	3.17	16	2.3	7,413	5.22	387	9	7,971	416	62%	-374	-22
487322	IBSEN DOLLY BLONOE	11-07-46	450821 1445862 5-67 STATES 1-35	0	20	1.35	3	13.3	5,618	5.04	283	2	7,466	373	28%	-551	-28
487560	MARGATE-S ROYAL PEER	08-01-46	397427 997380 0-00 STATES 1-35	0	12	2.25	1	12.0	6,872	5.19	357	2	7,240	371	23%	-109	-5
489828	KINNIC CLEO-S BARONET	06-15-46	437641 1359183 0-00 STATES 1-35		8	1.13	1	8.0	6,500	5.34	347	3	6,608	322	17%	-48	+1
490031	REMUS BELINOA VOLUNTEER	11-19-46	455708 1428681 5-67 STATES 1-35	0	17	4.06	2	10.8	8,586	5.43	466	14	7,830	412	33%	+230	+15
491924	WOODLAWN BLONOE SAOE OXFORD	02-22-46	446955 1333579 5-67 STATES 1-35		17	2.47	1	17.0	7,222	4.75	343	13	6,794	317	25%	+67	+2
492840	VALIANT-S IOEAL	04-02-46	462918 1449985 5-67 STATES 1-35	0	14	1.86	1	14.0	7,860	5.37	422	4	6,853	375	22%	+191	+8
494962	VOLUNTEER PRINCE LUCKY	06-19-47	408964 1255020 5-67 STATES 1-35	0	21	2.10	5	9.0	8,188	4.89	400	14	8,076	421	38%	+29	-10

REGISTRATION				INC %	DAUGHTERS		ND OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	SULL		ND	REC / DAU			MILK	%	FAT	HERDMATE ND	MILK	AVERAGES FAT	DF SIRE SUMMARY	DIFF MILK	FAT
496789 C9-16-47	FOREST HDME SDNATA-S RDYAL.... 465727 1508298 C-00 STATES 1-35	0	14	2.93	1	14.0	7,942	4.87	387	4	7,813	392	26%	+18	-3		
497759 02-29-40	LILAC RINDA LAD..... 390373 1182046 5-67 STATES 1-35		9	3.33	1	9.0	7,242	5.55	402	3	8,017	426	24%	-194	-6		
498109 10-08-45	ST. MAWES ADVANCER LAD..... 434560 1341290 0-00 STATES 1-35		12	3.00	1	12.0	7,239	4.93	357	11	7,528	383	25%	-93	-8		
498321 09-08-47	SY8IL DXFORD PRINCE.....* 402532 1284124 5-67 STATES 2-35,61	0	51	4.08	3	30.1	8,220	4.82	396	16	7,625	378	42%	+215	+2		
502314 12-07-47	DIAMOND PIXY RDYAL.....* 466557 1550668 0-00 STATES 1-35		5	2.60	1	5.0	8,023	5.55	445	5	7,555	408	17%	+65	+5		
504314 06-12-47	D8SERVER KING DF RING GOLD.... 459225 1242166 8-63 STATES 1-35	0	27	5.70	1	27.0	7,806	4.78	373	35	7,785	372	31%	-12	-3		
505496 01-31-48	GOLD 80ND HOPE..... 394220 1296968 0-00 STATES 1-35	0	8	2.38	1	8.0	6,938	5.04	350	9	6,992	369	20%	-38	-5		
506077 06-22-46	RALEIGH MODEST FLASH.....* 463234 1376448 0-00 STATES 1-35		5	2.80	2	2.6	7,546	5.22	394	8	7,469	390	22%	-3	0		
507806 09-26-48	PIXY-S KING HUGO..... 462092 1474569 0-00 STATES 1-35	0	26	2.69	1	26.0	8,113	4.83	392	5	8,213	416	27%	-31	-8		
508057 12-15-47	DANDY GIPSY VOLUNTEER..... 457842 1526780 5-67 STATES 1-35	0	11	1.55	1	11.0	6,373	4.46	284	3	6,630	340	21%	-90	-14		
509022 05-18-48	DESIGN-S 8ELL CDM8INA.....* 490423 1334303 5-67 STATES 1-61		5	5.20	2	2.6	7,369	5.14	379	3	7,395	391	23%	-29	-4		
510674 10-11-48	DDUGHTY 8DWLNA JESTER..... 467547 1536732 5-67 STATES 1-35	0	10	1.50	1	10.0	6,324	5.11	323	9	6,735	337	20%	-115	-5		
510694 12-20-48	CHALLENGER PILGRIM 8ASIL.....* 489634 1199792 8-62 STATES 1-35		6	3.83	2	4.3	6,839	4.96	339	10	6,739	344	23%	-14	-4		
511388 06-15-48	SIR CHALLENGER PEER..... 449269 1386634 5-67 STATES 1-35	0	12	2.42	3	5.1	8,166	5.23	427	7	7,482	395	33%	+197	+7		
513575 11-22-48	FLAMBEAU ROYAL AIM.....* 469727 1494907 5-67 STATES 1-35		12	4.17	3	5.1	8,074	5.19	419	11	7,901	426	35%	+43	-4		
514533 05-28-48	FILLPAIL TWINKLE STANDARD.....* 450797 1520665 5-67 STATES 1-35	0	12	1.42	3	8.5	7,304	4.87	356	5	8,590	339	24%	+129	0		
515632 03-21-49	FORWARD SY8IL DESIGN..... 429684 1523384 5-67 STATES 1-35	0	69	4.01	2	53.3	7,100	4.72	335	18	7,622	372	36%	-214	-17		
516256 01-03-49	JUNE VOLUNTEER RINGLEADER.... 384221 1145347 0-00 STATES 2-35,41	0	8	2.38	4	3.5	6,758	4.94	334	7	7,975	408	27%	-338	-21		
518080 11-14-48	BLONDE DOLLY FARMER..... 484803 1590582 0-00 STATES 1-35	0	8	2.50	1	8.0	7,615	5.08	387	5	7,807	411	20%	-50	-6		
518770 08-09-49	LUCKY DESIGN ACE.....* 461093 1478070 5-67 STATES 1-93		12	1.42	1	12.0	9,966	4.67	465	51	9,598	478	21%	+100	-2		
522616 11-11-49	HOPE-S MDNARCH..... 505496 1638018 0-00 STATES 1-35	0	10	2.70	1	10.0	6,199	5.34	331	7	7,088	372	23%	-230	-11		
525807 01-27-50	OAK KNOLLE DESIGN PAXIE..... 429684 1661311 0-00 STATES 1-35	0	8	2.88	1	8.0	5,553	5.24	291	7	6,718	340	22%	-289	-13		
527114	..... STATES 1-22		8	2.88	1	8.0	9,670	4.90	474	4	8,948	456	21%	+164	+3	
527222 01-23-50	JESSOMA DREAM-S STANDARD..... 010115849 010180100 0-00 STATES 1-35	0	18	2.94	1	18.0	6,968	5.12	357	20	7,082	369	26%	-64	-6		
531074 10-30-50 STUD 48-01	SIGNAL DXFORD SULTAN.....* 419248 1287233 6-67 STATES 4-47,48,72,74	8	105	2.19	20	12.4	8,640	4.93	426	18	7,980	405	71%	+440	+8		
532216	..... STATES 1-35		12	1.00	1	12.0	8,288	4.92	408	2	8,756	493	19%	-80	-15	
532528 05-31-50	GEM-S ADVANCER COMMANDO.....* 457631 1447059 5-67 STATES 10-56,57,58,63,65		58	1.16	22	4.1	8,048	4.87	392	26	8,110	388	68%	-61	-4		
533233 11-05-47	PELLUCID TIDY-S IMPATINE.....* 458115 1383200 2-66 STATES 3-34,35,93		5	1.80	3	1.8	7,425	5.08	377	39	8,401	427	21%	-205	-11		
538272 05-06-50	DRACONIS 8ASIL VOLUNTEER.....* 437533 1478927 0-00 STATES 1-43	0	5	2.80	1	5.0	7,943	5.48	435	6	8,866	464	18%	-153	-5		

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF FAT	
NUMBER	NAME	OF BULL		NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	FAT	FAT			
538337 08-07-51 STUO 23-07	SUNSET TOPFLIGHT 519399 STATES 1-35	SHEIK.....* 1519007 5-67	0	24	5.13	1	24.0	8,195	5.48	449	11	7,708	417	30%	+123	+7		
538461	.....*	0-00		5	1.80	5	1.0	7,048	5.02	354	15	7,279	360	23%	-78	-4	
	STATES 1-65																	
538887 01-29-51	BRAMPTON 8. P. VALLEY.....* 010104635 010189611 STATES 2-31,32	5-67	3	44	3.59	9	14.6	8,937	4.99	446	11	8,917	452	51%	+36	-4		
540042 11-23-50	ADVANCE 8LONOE AIM.....* 430288 1706730 STATES 1-35	5-67	0	16	1.25	2	12.5	6,765	5.51	373	11	7,625	409	24%	-227	-10		
540314 09-28-51	LEADING LAOY ROYSTAND.....* 450797 1504116 STATES 1-35	0-00	0	6	2.00	1	6.0	7,731	4.99	386	26	7,526	366	18%	+21	+		
541155 02-23-51	SIGNAL FAVORITE VICTORY.....* 419248 1604630 STATES 2-74,85	5-67	0	11	2.00	5	4.8	11,246	5.08	571	24	10,575	597	29%	+260	-4		
541347	.....*	0-00		5	1.20	1	5.0	10,930	4.92	538	417	10,315	530	14%	+115	+2	
STUD 93-04	STATES 1-93																	
542448 06-10-51	TRISTRAM 8ASIL OESIGN.....* 521598 1465666 STATES 1-35	5-67	0	8	1.25	2	6.2	5,612	5.15	289	4	6,303	324	19%	-174	-9		
542873	.....*	5-67		8	5.63	3	3.7	8,185	5.35	438	14	8,179	431	31%	-4	0	
	STATES 1-35																	
544707	.....*	0-00		5	1.40	1	5.0	6,053	4.92	298	7	7,199	386	15%	-190	-14	
	STATES 1-35																	
544746 10-11-50	SIEGFRIED ADMIRAL CHIEF.....* 470049 1423504 STATES 1-35	5-67	0	14	4.00	5	3.7	8,596	5.61	482	13	8,866	467	42%	-93	+5		
544758 01-12-52	SYLVAN PRIDE DESIGN.....* 484920 1761539 STATES 1-91	0-00		5	3.40	2	2.6	9,043	5.41	489	6	9,366	500	21%	-47	-1		
545586 03-11-52 STUO 93-01	ADVANCE 0ANOY MAYOR.....* 524581 1741848 STATES 1-93	5-67	0	13	1.62	6	5.3	10,785	5.12	552	19	9,799	500	32%	+359	+17		
545777 08-26-52	PIXY-S SYBIL NEIL.....* 506331 1463411 STATES 1-35	5-67	0	37	2.27	3	24.0	8,661	5.40	468	6	9,110	459	35%	-131	+2		
545810	.....*	0-00		6	1.17	1	6.0	8,865	5.57	494	7	9,774	496	15%	-118	0	
	STATES 1-91																	
546469 09-22-52	BRIGHAM CONFIDENT INGRAM.....* 470945 1507845 STATES 1-23	5-67		5	1.00	2	2.6	6,082	5.36	326	5	7,536	383	17%	-258	-11		
546881 11-26-50	BONNIE BROOK DAUNTLESS.....* 477837 1844682 STATES 1-35	8-62		5	1.60	4	1.4	7,980	4.92	393	9	7,481	390	22%	+87	-1		
546917 09-11-51 STUO 35-02	8LONOE ADVANCE 8ART LAO.....* 469101 1380244 STATES 2-34,35	5-67	18	27	2.63	12	4.4	7,363	5.45	401	12	7,953	418	55%	-347	-13		
547294 04-20-52	HATFIELD 8ASIL BUSTER.....* 460676 1605234 STATES 3-33,35,42	5-67	6	24	2.50	6	13.8	7,355	5.18	381	9	7,343	380	36%	-33	-3		
547753 07-12-52 STUO 35-02	JESTER J. 0ANOY RECORDS.....* 504013 1580518 STATES 4-32,34,35,65	5-67	3	41	2.73	21	2.5	8,116	4.99	405	10	8,256	428	70%	-108	-20		
548236 10-25-51	SHANNON-S BASILEUS PINN.....* 452342 1669590 STATES 1-35	0-00		12	2.83	1	12.0	7,207	5.37	387	5	7,374	381	24%	-64	0		
548280 01-13-52 STUO 41-04	0ANDYMAC TRIUMPH.....* 473256 1604255 STATES 2-35,41	5-67	16	60	2.83	29	3.0	8,327	4.95	412	9	8,185	425	76%	+90	-14		
548606 10-16-50	CARDINAL BELLA KING.....* 461773 1445315 STATES 1-35	8-62		6	2.17	1	6.0	6,756	4.35	294	32	6,841	366	18%	-43	-15		
548733 03-31-52	SHIRLEYS- GOLOEN MAOCAP.....* 475585 1542645 STATES 1-35	5-67		10	2.30	1	10.0	6,859	4.93	338	6	7,140	356	22%	-87	-6		
549518 01-26-53 STUO 35-05	JESTER BASILU MERIT.....* 441200 1401758 STATES 2-35,41	5-67		13	1.92	13	1.0	7,830	4.92	385	8	8,017	417	45%	-100	-17		
550160 03-13-52	FOREMOST FILLPAIL STANDARO.....* 449719 1629833 STATES 1-35	0-00	0	30	1.80	1	30.0	7,853	5.42	426	8	8,154	413	26%	-83	+1		
550520 10-14-51	PRGMOTERS EAGLE 8OY.....* 516627 1527215 STATES 2-35,42	5-67		9	3.89	3	5.6	9,152	5.43	497	9	9,061	483	28%	+44	+4		
550529 02-12-52	FAIRFIELD THOMAS 8ASILEUS.....* 452342 1504472 STATES 1-35	8-62		8	2.13	1	8.0	6,249	5.68	355	7	7,445	406	20%	-259	-11		
551894 10-15-52	SIGNAL WELCOME WATCH.....* 527637 1319136 STATES 1-81	5-67	0	8	2.38	4	2.5	8,962	5.53	496	7	9,001	475	29%	+6	+5		

REGISTRATION					INC %	DAUGHTERS		NO OF DAU / HERDS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	SULL	NO		REC / DAU	MILK			AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
552060 09-17-52 STUD 35-02	MARLU 457631 STATES	COMMANDO 1631365 3-34,35,42	GEM...* 5-67	7	74	2.41	26	4.0	7,864	5.42	426	9	8,268	427	77%	-322	-5	
552599 01-26-53 STUD 35-05	SUCCESSOR 470946 STATES	VOLUNTEER 1802181 3-33,35,41	ENSIGN...* 5-67	0	38	2.39	18	2.8	7,692	5.01	385	8	8,035	418	66%	-250	-26	
553063 01-06-52	REMUS 494962 STATES	VOLUNTEER 1693777 2-32,35	DUKE REX...* 5-67	0	11	2.82	3	4.8	9,105	5.10	464	16	8,818	460	32%	+104	0	
553149 02-22-53 STUD 61-02	BEAUTY-S 534585 STATES	MASTER 1732726 18-31,55,61,64,65	ADVANCER...* 6-67	7	261	2.22	61	38.3	8,651	5.06	438	32	8,473	436	72%	+132	-2	
553233 03-21-53 STUD 35-02	SECRET AGENT.....* 497574 STATES	1345382 6-14,16,21,34,35	5-67	2	66	2.80	21	6.2	9,294	5.28	491	19	9,046	474	73%	+226	+1	
553794 09-21-50	VALENTINE 504267 STATES	FAVORITE 1769025 2-33,35	ROYAL.....* 5-67		12	2.25	5	3.6	7,457	5.06	377	11	7,945	423	36%	-189	-18	
553915 05-23-53	PATTYS 517810 STATES	ROYAL 1546878 1-14	DESIGNER...* 5-67		5	4.00	2	3.4	8,043	5.23	421	12	8,924	448	23%	-186	-6	
554915 06-13-53	COMET 544515 STATES	CAESAR 1812700 1-13	REGAL* 5-67	0	13	3.92	2	11.1	9,025	5.02	453	22	9,435	484	28%	-86	-8	
555176 12-27-52	MASTERMAN 478315 STATES	STAN 1576854 1-74	DUPLICATE...* 5-67		11	1.27	2	5.5	6,380	4.64	296	3	6,961	334	27%	-191	-13	
555618 00-00	STATES	1-41	0-00		5	1.40	1	5.0	9,535	5.07	483	2	9,249	473	15%	+56	+1	
555622 01-08-53	PIXYS 506331 STATES	SY8IL 1597874 1-35	PEER.....* 5-67	20	8	2.13	1	8.0	5,959	5.34	318	13	6,997	361	20%	-234	-10	
555625 05-01-53	PIXY-S 506331 STATES	SY8IL 1409869 1-35	TYRONE.....* 1-63	0	26	4.69	1	26.0	7,824	4.77	373	46	7,721	370	30%	+10	-2	
556063 10-20-53 STUD 34-01	SABLE-S 457631 STATES	COMMANDO.....* 1556824 16-13,14,32,34,74	6-67	17	171	1.32	60	6.6	9,080	5.63	511	20	9,074	480	84%	+60	+24	
556100 10-17-52	VOLUNTEER 475540 STATES	DIPSY LEE.....* 1423504 1-35	8-63	0	11	3.55	1	11.0	8,474	5.31	450	5	8,389	444	24%	+20	0	
556156 06-22-52	LILAC 449269 STATES	CHALLENGE 1811926 1-35	REX LAD.....* 5-67		6	2.00	2	4.3	7,007	6.07	425	8	7,501	386	21%	-119	+6	
556418 00-00	STATES	2-43,74	0-00		5	2.20	2	3.4	8,377	5.03	421	76	8,166	420	20%	+36	0	
557127 09-25-53	DEER 478724 STATES	BROOK 1812264 1-35	DOLLY PINN 8-62		5	4.80	1	5.0	8,232	5.03	414	16	8,050	416	20%	+30	-1	
557351 05-20-52	SKOAKUM 530499 STATES	ROYAL 1261832 1-91	JESTER.....* 5-67		21	1.71	2	11.0	9,966	5.02	500	1	9,319	455	34%	+250	+14	
557569 11-06-53 STUD 91-13	SURVILLE 503523 STATES	CERES 1760788 3-42,92,93	PRIDE.....* 6-67	3	47	2.11	7	17.6	11,555	4.93	570	19	9,540	494	47%	+996	+35	
557622 02-14-53	SUNNY 527222 STATES	SLOPE 1308052 1-35	EMILYS LORO.....* 5-67	0	33	3.30	1	33.0	7,129	5.33	380	30	7,056	386	29%	-17	-4	
557682 12-27-53 STUD 21-10	SECRET 497574 STATES	WELCOME 1556676 5-12,13,55,57,58	RELIANCE.....* 6-67	5	146	1.77	55	8.4	10,559	4.92	519	17	9,745	504	80%	+759	+12	
557783 08-29-53	HARMONY 475948 STATES	FAVORITE 1982824 4-21,32,33,48	RADAR.....* 5-67	0	32	3.00	4	26.3	8,878	4.79	425	9	8,021	401	32%	+261	+5	
558017 00-00	STATES	1-35	0-00	0	8	1.00	1	8.0	8,021	5.25	421	7	7,906	395	16%	+11	+3	
558750 02-19-54	JESTER 448354 STATES	WONDERFUL 1682985 2-57,65	8ASIL.....* 5-67		9	2.00	3	3.6	7,087	5.04	357	16	7,015	342	27%	-17	0	
559031 05-16-54	PIXYS 506331 STATES	SY8IL 1477573 1-35	BLUE CHIP.....* 5-67		13	2.00	2	11.1	9,145	4.94	452	4	8,242	417	25%	+217	+7	
559083 00-00	STATES	1-87	0-00		5	1.40	1	5.0	10,235	4.79	490	35	9,412	469	15%	+139	+3	
559122 04-18-52	JESSOMA 522582 STATES	FAVORITE 010165326 1-35	XENIA 5-67	3	40	3.58	1	40.0	6,450	5.60	361	20	7,057	365	30%	-220	-4	
559198 03-04-54	GIL-BAR 521598 STATES	TRISTRAM 1693632 1-35	JESTER MASTER* 5-67	0	13	3.46	2	11.1	7,632	5.61	428	9	8,115	431	28%	-141	-2	
559697 01-12-54	IMP. 559355 STATES	FILLPAIL 010058117 4-42,56,61,65	WINSOME ROYAL...* 5-67	10	72	2.42	6	60.6	7,119	5.06	360	27	7,116	364	33%	-41	-5	

[illegible]

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO OFF FAT
NUMBER	NAME	OF	SULL		NO	REC / DAU			MILK	%	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	
567711	.....		0-00	10	1.00	1	10.0	9,234	5.38	497	45	9,842	504	18%	-81	0
	STATES	1-61														
567839	.....*		0-00	8	1.00	1	8.0	10,675	5.34	570	11	9,860	496	16%	+157	+12
	STATES	1-41														
567846	TEFFIA SHADEL-S PRINCE OESTINY*	2	71	2.72	8	18.3	7,386	4.85	358	18	7,708	368	58%	-226	-12	
07-21-55	553475	1536916	6-67													
STUD 65-02	STATES	2-63,65														
567870	SABLE ROYAL JESTER.....*	0	12	1.67	4	5.8	12,268	5.45	668	18	11,153	618	29%	+406	+18	
07-10-55	497355	1536134	5-67													
	STATES	2-74,85														
568040	BASIL ROYAL PLUME HERCULES.....*	11	40	2.60	13	17.3	7,986	5.22	417	15	8,596	437	43%	-255	-10	
07-18-55	543376	1627533	6-67													
STUD 51-02	STATES	3-31,51,54														
568639	ACHIEVEMENT.....*	9	11	2.82	1	11.0	7,169	4.98	357	4	7,434	366	24%	-86	-4	
11-13-55	568364	1867665	5-67													
	STATES	1-35														
568645	MASTERMAN CUSTOM AIM BEAUTY...*		21	1.24	3	17.2	7,849	5.15	404	102	8,130	418	25%	-76	-5	
01-10-56	499358	1667986	5-67													
	STATES	1-74														
569157	MARLU JESTER SUPREME.....	12	160	2.20	59	6.4	8,422	4.92	414	11	8,683	438	85%	-198	-25	
05-11-55	506147	1883661	6-67													
STUD 87-01	STATES	5-81,82,85,87,91														
569336	MARLU FASHIONMAN.....*		15	1.93	10	2.0	10,277	4.83	496	45	8,270	410	45%	+905	+35	
09-20-55	506147	1726392	6-67													
STUD 63-02	STATES	7-31,32,33,41,61														
570421	WHITEHALL SPARKLE PILOT.....*	0	182	2.21	53	6.8	8,848	4.93	436	9	8,294	425	86%	+467	+3	
04-15-56	506147	1604255	6-67													
STUD 61-02	STATES	2-33,35														
570543	BELMONT ROYAL AIM BASIL.....*		10	2.10	5	4.0	11,303	4.85	548	22	8,992	449	31%	+734	+29	
12-22-55	526995	1870029	5-67													
	STATES	5-31,35,41,58,72														
570787	BASIL FERNHILL BEACON.....*		17	1.29	11	2.8	6,808	5.71	389	13	7,870	409	42%	-472	-11	
03-09-56	551022	1772396	5-67													
	STATES	2-21,31														
571218	RICH FLO JUPITER.....*		5	5.00	2	3.4	9,854	4.81	474	5	9,050	451	23%	+198	+4	
09-18-55	550498															

REGISTRATION				INC %	DAUGHTERS REC / NO		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PREO OFF	
NUMBER	NAME	OF	SULL		MILK	%			FAT	NO	MILK	AVERAGES	FAT	SUMMARY	MILK	FAT	
573431 03-24-56 STUD 35-05	SY8IL ROYAL PREOICTOR	467752	1907878 5-33,35,41,42,65	7	133	2.16	40	5.8	9,352	5.13	480	11	8,591	444	83%	+649	+25
573552 09-13-56 STUD 52-01	MARLU PARAGON	552974	2057465 3-32,52,55	7	108	2.04	19	39.2	8,359	5.32	445	21	8,495	438	50%	-63	0
573846 08-19-56 STUD 23-11	8RIGHAM VOL. KING TUT OF OGSTO	538481	1796768 6-67	9	52	2.08	6	21.4	10,777	4.79	516	58	10,553	527	45%	+199	-3
574076 09-22-56	TEFFIA STYLISH SENATOR	555603	1541923 3-41,46,48	5	23	2.26	5	15.8	8,908	5.30	472	13	9,342	487	32%	-107	-4
574191 09-25-56 STUD 35-75	L. C. STANDARO MASTER	486937	1505315 12-55,58,65,74,87	13	81	1.64	21	19.0	9,495	4.66	442	38	9,064	437	56%	+278	0
574217 07-14-56	STARDUST WINSOME JESTER	557787	1432557 1-93	0	22	1.36	1	22.0	10,079	5.72	577	22	10,080	552	23%	+38	+7
574246 03-28-57	GALLANT COMBO	556063	1474483 8-55,56,58,63,65		34	1.12	16	3.5	9,496	4.81	457	32	8,545	407	56%	+543	+23
574279 03-18-57 STUD 35-21	SHAOEL-S OESIGN KEEPER 8EAUTY	568187	1499159 1-48	15	14	2.50	2	12.1	8,625	5.14	443	22	8,466	435	26%	+43	0
574372			0-00 5-21,22,31,55,58		5	1.80	5	1.0	8,282	4.96	411	71	9,219	460	24%	-200	-11
574673 01-02-57	ETTA JIM STAR	549549	1978736 7-31,32,34,51,74	9	38	2.55	11	18.2	8,502	5.12	435	12	9,613	487	42%	-414	-21
574676 02-12-57 STUD 31-02	GOLOEN COMMANDO	556092	1578755 21-31,32,55,56,64	12	205	1.40	80	6.5	7,673	5.07	389	32	8,460	421	86%	-673	-33
574752 12-23-56 STUD 93-10	PATHFINOER-S PIONEER	557868	1796086 10-42,52,72,92,93	4	83	1.90	26	10.2	9,047	5.02	454	37	9,064	462	68%	+33	-7
574850			0-00 3-41,43,73		5	2.00	5	1.0	6,715	5.03	338	14	7,608	382	23%	-226	-12
574968			0-00 1-35		5	1.00	1	5.0	8,408	5.15	433	11	8,792	457	14%	-46	-3
574994 03-23-57 STUD 21-10	8RIGHAM ADVANCER NELSON	544480	1809498 3-12,13,21	15	90	2.13	52	2.5	9,201	5.10	469	20	9,225	475	82%	+47	-6
575029 12-10-56	8ASIL ADVANCER JESTER	554462	1805960 2-35,41	17	8	2.38	3	4.7	6,606	5.21	344	11	7,290	374	26%	-204	-10
575599 09-17-55	VOLUNTEER OESIGN REMUS JACK	506697	1961185 1-55	18	19	1.68	1	19.0	7,522	5.09	383	13	8,613	423	24%	-253	-10
575678 04-13-56	SOUVENIR ADVANCER COUNT	563278	1901970 1-31	0	19	2.58	4	12.1	9,148	4.85	444	11	8,659	437	33%	+170	0
575737 06-09-54	CHALLENGER ROYAL SULTAN	457793	1460351 1-33	15	1	1.67	1	15.0	8,432	4.98	420	9	7,985	406	22%	+87	+1
575990 11-26-55	LE ANN-S COMMANDO PINN	552060	1793325 1-35	0	7	4.29	1	7.0	7,620	5.71	435	21	7,679	424	22%	-27	+1
576049 11-18-56 STUD 33-03	JESTER J FAVORITE	504013	1535136 10-21,47,61,82,87	5	25	1.92	13	6.3	8,030	5.03	404	9	8,056	417	46%	-27	-9
576127 05-22-57 STUD 35-75	SECRET MARKSMAN	497574	2029033 7-13,14,16,42,52	0	20	2.20	9	4.8	10,995	5.56	611	60	10,636	552	46%	+264	+29
576176			0-00 1-21		7	1.00	1	7.0	6,504	5.47	356	14	7,586	416	16%	-181	-10
576342 12-10-56	ETTAS MILESTONE	563805	1631376 5-31,43,55,58,61	3	70	2.80	14	21.4	8,236	5.59	460	23	8,295	426	55%	-38	+15
576492			0-00 1-74		5	1.00	1	5.0	11,230	4.89	549	30	10,860	544	14%	+84	+1
577042 05-30-57 STUD 31-02	8RIGHAM CONFIOENT NEVILLE	470945	1447846 11-31,32,52,56,58	14	173	1.70	55	7.8	8,945	5.05	452	23	8,793	448	84%	+159	0
577130 04-21-57	VALIANT SPARKLING LAO	557416	1509481 1-63	14	7	3.00	1	7.0	8,312	4.90	407	4	7,615	400	21%	+129	0
577134 03-12-57 STUD 72-01	MARLU MILAOY-S CLIMAX	506147	1726368 8-52,55,58,63,65		74	1.12	22	5.7	8,990	4.59	413	26	8,286	402	69%	+480	+1
577237 04-17-56 STUD 91-13	CHAMPIONS DOUBLE	519828	1823982 6-82,84,87,91,92	4	197	1.96	86	3.9	9,691	5.24	508	18	9,568	484	90%	+213	+20

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PRE-OFF FAT	
NUMBER	NAME	OF BULL			NO	REC / OAU			MILK	%	FAT	HEROMATE NO	MILK	FAT			
577268	.....*			0-00	5	1.80	5	1.0	7,407	5.43	402	13	7,796	391	23%	-103	0
	STATES	4-13,23,34,63															
577287	AOVANCER LORO	8ASIL.....*	20		5	2.60	3	2.2	6,319	5.44	344	15	7,352	379	23%	-258	-10
06-05-56	493165	1636078	3-64														
STUO 35-07	STATES	2-35,63															
577474	SY8IL CARLETTA-S	FINALIST.....*	8		51	2.31	31	2.3	10,129	5.02	508	21	9,419	480	74%	+596	+19
05-25-57	480642	1563732	6-67														
STUO 21-10	STATES	3-12,13,58															
577510	GLENOON MERIT	RAOAR.....*	0		15	2.47	2	13.1	10,457	4.78	500	39	10,881	538	27%	-46	-8
08-02-56	559091	1547914	5-67														
	STATES	1-88															
577561	.....*			0-00	20	1.00	2	18.1	10,767	4.58	493	60	10,092	501	22%	+186	-
	STATES	1-91															
577813	CHEER BRAVO.....*				13	1.15	2	11.1	8,244	5.51	454	41	9,128	498	22%	-174	-8
01-23-57	564654	1916959	5-67														
	STATES	1-57															
577890	PLEASANT HILL	GRENAOIER FELLER	14		9	2.00	3	5.6	7,700	4.99	384	13	8,167	425	25%	-122	-11
12-29-55	542873	1769025	5-67														
	STATES	2-13,35															
577958	AOVANCER 8ASIL LORO.....*		15		139	1.50	46	11.2	9,758	4.86	474	17	9,575	495	76%	+226	-15
12-17-56	493165	2222747	6-67														
STUO 21-10	STATES	5-11,13,16,55,74															
578094	.....*			0-00	8	1.00	1	8.0	9,924	5.20	516	49	9,848	509	16%	+36	+1
	STATES	1-61															
578146	HIGHFIELD WONOROUS STANDARO...	.....*	4		52	2.27	8	24.7	10,107	4.97	502	50	8,914	452	43%	+532	+19
08-23-57	489542	1766980	6-67														
STUO 35-75	STATES	4-56,57,58,74															
578214	BRAMPTON RAOAR INTEREST.....*				16	1.19	4	5.2	7,096	5.10	362	46	7,239	359	34%	-89	-3
07-20-57	010126923	2208080	5-67														
	STATES	1-64															
578236	FAVORITE KARNOAO.....*		0		27	1.85	11	6.4	11,150	4.90	546	58	10,514	537	48%	+404	+6
09-19-57	563813	2154909	5-67														
	STATES	9-12,13,14,56,63															
578327	ENOEE AOVANCER THOR.....*				16	1.13	2	11.1	8,664	5.18							

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF FAT	
NUMBER	NAME	OF BULL		NO		REC / OAU	MILK			%	FAT	HEROMATE NO	MILK	FAT				
580149 01-18-58 STUD 63-01	HI RANGE SECRET 497574 1735243 STATES 3-55,56,63	PEPPER.....*	14	28	2.04	4	20.7	9,850	5.07	499	17	9,037	473	31%	+271	+7		
580237 04-16-57 STUD 01-12-02	BRAMPTON VICTORY.....* 010121022 010203469 STATES 4-12,14,55,74	5-67	5	67	1.61	9	30.9	9,102	4.99	454	95	9,105	479	43%	+28	-10		
580464	STATES 1-63	0-00		7	1.00	2	5.2	8,207	4.68	384	6	7,386	368	18%	+128	+1		
580594 01-04-58 STUD 01-04-58	BARBARA-S ETTA JESTER.....* 556092 1956106 STATES 7-31,35,57,63,74	5-67	0	61	1.95	11	41.1	8,659	4.85	420	23	8,621	423	36%	+21	-3		
580702 11-29-57 STUD 11-29-57	SPARKLE RING MAN.....* 506147 1870803 STATES 11-14,21,22,31,51	5-67	0	34	1.53	18	6.5	9,178	5.50	505	16	9,055	492	52%	+97	+6		
580714 02-08-58 STUD 02-08-58	TRISTRAM NEVAOA.....* 519828 1893788 STATES 2-73,88	6-67	10	54	2.04	5	21.7	11,373	5.06	576	14	10,828	524	46%	+359	+25		
580730 06-01-57 STUD 06-01-57	DANDY RADAR.....* 557268 1611628 STATES 3-16,21,58	5-67	0	36	1.86	3	18.1	6,497	5.16	335	39	7,158	369	38%	-297	-17		
580776 07-29-57 STUD 07-29-57	VALIANT SURVILLE MIKE.....* 537087 1759267 STATES 2-42,43	6-67	0	15	1.93	3	7.1	8,949	5.06	453	12	8,338	430	33%	+197	+5		
580889 03-23-58 STUD 03-23-58	RUCKY MEADOW FASHION PRINCE...* 571911 2003798 STATES 1-88	5-67	12	31	1.97	2	29.0	11,083	4.76	527	40	11,112	536	27%	+66	0		
581144 09-20-57 STUD 09-20-57	BELMONT NOBLE.....* 509160 1728210 STATES 2-33,61	5-67	0	16	3.25	4	10.7	10,335	5.21	538	17	10,152	534	33%	+116	+2		
581199 11-29-57 STUD 11-29-57	BINOLE-S SYBIL SNOWMAN.....* 521704 1553715 STATES 2-12,21	6-67	0	19	2.84	3	15.3	11,556	5.30	612	41	11,064	576	30%	+230	+13		
581394 03-29-58 STUD 03-29-58	PIXY-S EAGLE.....* 571583 1430003 STATES 1-35	6-67	0	13	2.15	1	13.0	11,208	4.81	539	38	10,736	571	23%	+163	-5		
581464	STATES 3-33,41,71	0-00		5	1.40	4	1.4	9,089	5.07	461	18	7,811	396	21%	+251	+11		
581478 11-20-57 STUD 11-20-57	DOUBLE ETTA JIM.....* 552714 1915815 STATES 1-32	8-64		7	1.00	3	2.4	8,714	4.77	416	9	8,760	445	23%	-2	-7		
581485 02-17-55 STUD 02-17-55	IMP. ITASKA-S FILLPAIL RULER..* 010008621 010057693 STATES 19-13,14,16,21,63	6-67	11	121	1.53	70	3.5	8,462	5.14	435	21	9,054	470	83%	-439	-31		
581607 06-11-58 STUD 06-11-58	ZEPHYR-S SON OF CHAMPIONS.....* 550285 1907878 STATES 4-81,85,87,92	6-67	6	79	1.59	41	3.6	9,794	4.93	483	21	9,479	481	77%	+324	0		
581654 04-15-58 STUD 04-15-58	PIXY-S JOLLY CAVALIER.....* 571583 2073091 STATES 1-52	1-67		9	1.22	1	9.0	7,724	4.95	382	12	7,709	384	18%	-9	-1		
581840 05-05-58 STUD 05-05-58	CHAMPIONS TRISTRAM CHALLENGER.* 519828 1657241 STATES 3-52,92,93	6-67	19	49	2.20	9	25.8	8,649	5.17	447	39	8,301	439	40%	+136	+1		
581857 03-30-58 STUD 03-30-58	FASHION CHOICE COMMANDO.....* 568339 2029032 STATES 3-43,56,74	5-67	10	29	1.76	4	23.4	10,286	4.85	499	18	10,275	511	29%	+58	-2		
582060 10-07-57 STUD 10-07-57	KAY-S TRISTRAM BASIL.....* 562033 2154034 STATES 1-41	5-67	21	15	2.47	1	15.0	9,259	5.24	485	4	8,806	451	24%	+120	+7		
582138 06-21-58 STUD 06-21-58	PATHFINDER-S FLAMETHROWER.....* 557868 2073833 STATES 1-42	5-67	26	23	2.35	2	21.0	9,497	4.96	471	5	8,978	460	28%	+161	+2		
582190 03-22-58 STUD 03-22-58	ETTA JESTER STAR.....* 565141 1766360 STATES 3-31,35,72	6-67	0	32	2.50	8	7.8	7,963	5.20	414	13	8,260	420	52%	-161	-6		
582242 05-03-58 STUD 05-03-58	TRISTRAM BASIL EDWARD.....* 472114 2069553 STATES 1-35	5-67	0	15	2.27	1	15.0	8,773	4.87	427	3	7,947	397	25%	+192	+5		
582248 11-30-57 STUD 11-30-57	MILAOY-S ELLADON SUPREME.....* 556095 1945284 STATES 1-91	5-67		9	1.11	1	9.0	11,502	4.69	539	35	9,830	513	18%	+319	+5		
582287 02-24-56 STUD 02-24-56	MASTERMAN LUKE.....* 466643 1931574 STATES 1-74	5-67	13	16	1.69	2	8.1	7,556	4.95	374	6	7,377	368	31%	+23	-1		
582336 10-27-57 STUD 10-27-57	MASTERMAN OAKLAND CONQUISTADOR* 488703 1531057 STATES 1-74	5-67		12	1.33	1	12.0	8,516	5.08	433	83	8,129	417	20%	+72	+2		
582400 07-05-57 STUD 07-05-57	BET-S DREAMER OF TROELL.....* 535058 1571904 STATES 5-41,82,87,91,92	6-67	5	109	1.71	54	3.7	10,478	4.87	510	21	9,653	491	82%	+782	+15		
582438 01-07-58 STUD 01-07-58	JESTER-S CHAMP.....* 534585 1812494 STATES 1-61	5-67		7	1.71	3	3.0	9,446	4.59	434	3	8,354	403	25%	+272	+5		
582498	STATES 3-81,51,92	C-00		9	1.33	3	3.6	9,020	5.12	462	19	8,881	463	27%	+49	0		

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY	PREDICTED DIFF		
NUMBER	NAME	OF BULL	REC / DAU		MILK	%			FAT	HEROMATE ND	MILK	FAT	MILK		FAT		
582620 04-14-58	8DUQUET-S 569969 STATES	EASTER BLONDE 2087530 2-57,65	***** 5-67	14 0-00	20	1.30	5	6.2	5,631	4.74	267	39	7,385	356	38%	-705	-38
582669	STATES	1-93	***** 0-00	14	7	1.71	3	3.0	9,338	4.86	454	17	10,618	506	24%	-251	-11
582787 06-18-58	8ISHOP C C I 524199 STATES	LAO 1905311 1-63	***** 5-67		23	1.35	2	11.6	11,206	4.84	542	26	10,538	496	33%	+288	+15
582863 02-14-57	8YHIL HI-TIOE 581118 STATES	REX 1946991 2-35,82	***** 3-64	18	12	1.25	2	10.1	8,678	5.29	459	13	9,022	473	22%	-60	-3
582961	STATES	1-31	***** 0-00	33	6	1.33	3	3.0	7,211	5.33	384	10	7,624	395	20%	-97	-3
583086 04-07-58	8MARLU NOBLE 550331 STATES	MILKMAN 2092113 1-43	***** 5-67	5	43	2.56	1	43.0	10,321	5.18	535	34	9,154	472	29%	+362	+18
583112	STATES	2-74,91	***** 0-00		5	1.40	2	3.4	8,638	5.00	432	90	9,035	450	17%	-56	-3
583151 04-30-58	8SNOWOROP STAR-S 573454 STATES	COMBINATION 2101023 1-31	***** 5-67		15	1.80	2	10.2	9,349	4.97	465	10	9,138	457	28%	+80	+1
583171	STATES	2-31,61	***** 0-00		5	1.40	3	2.2	7,776	5.41	421	19	8,486	448	19%	-132	-5
583333 10-31-57 STUO 51-02	8MARLU MILESTONE 563805 STATES	RANGER 2092099 1-54	***** 6-67	13	23	2.43	3	9.4	10,328	4.79	495	11	9,254	469	40%	+464	+9
583373 10-24-58	8DESIGN DOUBLE 558624 STATES	ETTA MAX 1922335 1-32	***** 5-67	6	17	2.65	1	17.0	8,805	5.05	445	8	10,004	505	26%	-270	-15
583374 04-28-58	8FILLPAIL HIGHFIELO 496151 STATES	BLONOE 1766978 1-93	***** 5-67	0	14	2.29	2	10.5	9,684	5.30	513	12	9,431	497	28%	+100	+4
583396 05-25-58 STUO 63-02	8MARLU MILESTONE 563805 STATES	MUSKETEER 1858255 11-22,31,32,61,63	***** 6-67	6	94	1.45	40	6.8	8,942	4.73	423	13	8,619	435	74%	+254	-13
583402 08-05-58	8HILLCREST ROYAL 496820 STATES	PIONEER 2067622 1-92	***** 5-67		13	1.31	1	13.0	8,820	5.25	463	20	8,828	481	21%	+7	-3
583412 04-22-58	8K K. ALMA-S 575425 STATES	SIGNAL BOY 2082361 1-92	***** 5-67		13	1.31	1	13.0	8,913	5.22	465	9	8,721	433	21%	+46	+5
583481 11-24-58	8REALLY ROYAL 572789 STATES	***** 2134127 3-14,21,55	***** 5-67	0	23	1.43	6	14.3	11,185	5.27	589	20	10,919	543	31%	+158	+15
583522	STATES	1-91	***** 0-00		9	1.00	1	9.0	11,329	4.51	511	54	10,240	499	17%	+217	+2
583558 06-01-58	8REAMER-S OIANA 576161 STATES	DESIGN 2168621 2-92,93	***** 5-67	7	14	1.57	3	6.4	7,866	5.24	412	47	8,461	431	31%	-182	-7
583765	STATES	1-35	***** 0-00		6	1.00	1	6.0	8,267	5.04	417	6	8,320	436	15%	-8	-3
583768 08-20-58	8ZINNIA-S ADVANCER 540908 STATES	CORALAO 1693777 2-35,41	***** 5-67	6	16	2.56	3	12.3	9,855	5.27	519	14	9,665	505	29%	+92	+4
583820 01-16-58	8NATALIE-S LOUIE 554292 STATES	***** 1834056 1-63	***** 5-67		13	1.15	1	13.0	5,805	5.34	310	6	7,141	354	20%	-289	-11
583821 01-24-58	8SNOWFLAKE PRINCE 571911 STATES	LAO 1765002 1-54	***** 5-67	23	13	2.69	1	13.0	9,945	4.82	479	15	9,669	483	25%	+99	0
583828 09-21-58	8TEFFIA-S GOLOEN 565141 STATES	STAR 1665282 3-31,33,35	***** 5-67	13	19	1.47	10	3.3	7,281	5.32	387	19	8,317	424	45%	-464	-19
583841	STATES	3-32,34,61	***** 0-00		5	1.80	4	1.4	7,828	4.78	374	10	7,390	390	22%	+74	-5
583852 02-21-58	8COMMANDO JESTER 567972 STATES	OF ROBINS REST 1832584 1-65	***** 5-67		12	1.00	1	12.0	7,090	4.61	327	13	7,458	352	19%	-85	-6
583911 12-29-58	8PIXY-S TRISTRAM 530104 STATES	CAVALIER 2178933 2-35,42	***** 5-67	13	11	1.55	4	5.0	6,668	4.81	321	7	8,159	405	29%	-439	-26
583958 11-16-58 STUD 21-10	8NOBLEMAN-S LOTUS 552844 STATES	DESIGNER 1946996 5-12,13,14,16,22	***** 6-67	7	34	1.71	23	1.8	11,053	5.18	572	15	9,372	492	65%	+1148	+51
584110 01-07-58	8MEADOW ELBERT 572468 STATES	***** 2094184 1-92	***** 5-67	0	42	1.60	5	16.8	9,748	5.45	531	20	9,811	522	42%	+33	+5
584259 08-17-58	8CHAMPION-S TRISTRAM 519828 STATES	TRIUMPH 1912145 8-22,23,56,64,65	***** 5-67	4	28	1.54	14	3.4	10,118	5.14	520	26	9,757	498	54%	+268	+12

REGISTRATION				INC %	DAUGHTERS		ND OF HEROS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF BULL	REC / OAU		NO	MILK			AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
584285	ANSDM VISITDR	*****	33	2.06	21	3.1	8,980	5.40	485	30	9,646	498	62%	-334	-7		
11-06-57	010008847	010060687	6-67														
	STATES	17-22,23,51,55,65															
584311	SPARKLING PRIDE	COURAGEDUS....*	15	17	2.00	9	3.7	10,972	5.16	566	39	10,697	547	44%	+220	+10	
11-30-58	546447	2055256	5-67														
	STATES	5-13,14,21,55,58															
584321	BRIGHAM MAIOEN	LAD ORVILLE....	4	118	1.19	9	91.9	10,839	4.89	530	277	10,072	507	30%	+280	+7	
10-16-58	480642	1447846	6-67														
STUD 93-10	STATES	6-13,14,34,56,93															
584330	STANDARD LORD	8. BASIL.....*	14	7	2.00	1	7.0	6,984	5.47	382	26	8,021	422	19%	-203	-8	
02-16-58	561495	2106555	5-67														
	STATES	1-42															
584437	.....*	0-00	5	1.20	2	3.4	7,881	4.94	389	18	9,956	532	16%	-314	-22	
	STATES	1-93															
584493	STUROY-S FAWN	GAM80GE.....*	6	2.67	1	6.0	6,908	5.18	358	6	6,890	342	19%	-24	0		
05-08-56	572827	2165581	5-67														
	STATES	1-35															
584494	.....*	0-00	5	1.40	1	5.0	7,441	4.70	350	8	7,204	360	15%	+17	-3	
	STATES	1-35															
584515	OESIGN FAVORITE	8ET-S STANDARD*	0	15	2.33	2	13.1	10,549	4.77	503	52	10,636	508	27%	+37	0	
11-25-57	510322	1472196	5-67														
	STATES	2-55,56															
584520	TENN CONFIDENT	C H H LAO.....*	8	13	1.85	1	13.0	11,369	5.06	575	45	12,262	584	23%	-116	0	
12-22-58	549809	2067702	6-67														
STUD 63-01	STATES	1-63															
584523	ADVANCER LADYS	PIONEER.....*	5	23	1.61	2	21.0	10,654	5.64	601	22	10,795	578	26%	+25	+8	
01-29-59	496820	1843710	5-67														
	STATES	1-92															
584532	ZINNIA-S OESERT	MILESTONE.....*	6	70	2.21	6	17.7	11,137	5.06	563	26	10,691	546	57%	+384	+12	
09-29-58	563805	1983664	5-67														
	STATES	1-88															
584562	MARLU MILESTONE	CRUSAOR.....*	12	180	1.86	53	11.5	8,630	5.18	447	22	8,430	436	81%	+164	+4	
08-28-58	563805	1748310	6-67														
STUD 34-01	STATES	7-11,31,34,56,57															
584664	ATOMIC LIBERATOR	DR.....*	3	133	1.47	46	6.1	9,969	5.33	531	20	9,851	517	81%	+213	+13	
10-13-58	564125	2014945	6-67														
STUD 91-13	STATES	4-81,82,91,92															
584682	ITASKA PRIOR	KING.....*	5	44	1.50	5	18.9	9,352	5.21	487	26	10,466	534	41%	-372	-17	
08-18-58	563772	1974105	6-67														
STUD 33-03	STATES	2-84,93															
584704	PIXYS PRINCE	BERNARO.....*	25	12	2.00	2	10.1	9,515	5.35	509	10	9,639	498	25%	0	+3	
01-28-59	532573	2111610	2-66														
	STATES	1-35															
584752	PECAN GROVE	SURVILLE OESIGNER.*	12	1.00	2	8.6	7,603	4.49	341	22	7,282	338	22%	+46	-2		
07-03-57	530848	1663094	5-67														
	STATES	1-72															
584780	ETTA GEM STAR*	5	27	1.56	18	2.4	7,284	5.31	387	12	8,084	416	56%	-469	-20	
01-03-59	565141	2089716	5-67														
	STATES	8-16,31,33,41,43															
584799	GOLDEN ETTA	COMMANDO.....*	29	1.21	3	25.2	7,925	5.15	408	103	8,094	418	25%	-50	-4		
03-21-59	556092	1578755	6-67														
STUD 33-03	STATES	3-31,41,74															
584812	.....*	0-00	7	1.43	3	3.8	8,135	5.05	411	11	7,632	391	21%	+90	+2	
	STATES	1-82															
584885*	0-00	13	9	1.67	1	9.0	8,411	5.05	425	47	8,666	459	19%	-43	-6	
	STATES	1-84															
584910	WILLOW JESTER	8EAU S8BER.....*	12	1.33	2	6.6	6,747	4.79	323	14	6,645	331	27%	-19	-6		
09-19-58	542961	1611212	5-67														
	STATES	1-56															
585184	DESIGNER-S	8LONDE SHORTCAKE...*	17	1.06	1	17.0	9,315	4.85	452	14	7,545	380	21%	+345	+12		
10-20-58	554292	1718609	5-67														
	STATES	1-32															
585337	GIpsy GENTLEMAN*	0	12	1.50	4	4.3	11,407	5.08	580	63	11,284	587	32%	+130	+1	
02-22-59	460788	1706728	5-67														
	STATES	3-14,21,63															
585348	SABLE-S WELCOME	SENSATION.....*	10	188	2.27	91	3.7	9,775	4.98	487	21	9,189	472	90%	+596	+11	
07-07-58	513246	2057351	6-67														
STUD 21-10	STATES	4-11,13,14,21															
585350	THE TRADEMARK	.....*	15	1.67	2	13.1	13,135	5.88	772	21	11,512	635	25%	+477	+37	
08-16-58	497355	1932122	5-67														
	STATES	2-14,74															
585358	SABLE-S WELCOME	VOLUNTEER.....*	0	33	1.48	1	33.0	7,567	4.84	366	8	8,003	394	25%	-116	-8	
11-16-58	513246	1932100	5-67														
	STATES	1-73															
585367	ECLIPSE ADVANCER	ROYALIST.....*	16	60	2.07	45	1.7	9,087	5.11	464	18	8,887	457	78%	+192	+2	
10-02-58	484019	1709950	6-67														
STUD 21-10	STATES	3-13,21,23															
585393	MARSHALL FIRECHIEF*	17	106	1.88	35	6.0	9,058	5.27	477	19	9,103	467	79%	+19	+5	
01-28-59	533617	1546856	6-67														
STUD 23-09	STATES	4-22,23,50,56															
585431	IMP. CERES ROYAL*	1	90	1.37	34	6.4	8,085	5.28	427	20	8,878	467	73%	-547	-31	
04-12-52	559355	010056975	6-67														
STUD 33-02	STATES	12-15,22,33,51,65															

JERSEY

157

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	SULL		NO	REC / DAU			MILK	AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
585581 05-28-56	SPARKLING DREAM JEST	547519	1942300	50	14	1.00	6	5.1	8,470	4.66	395	24	8,966	428	30%	-133	-11
585708	STATES	1-63	0-00	6	1.50	2	3.0	8,175	5.11	418	19	7,729	411	21%	+80	0	
585759	STATES	1-92	0-00	8	1.63	2	5.0	8,765	5.37	471	14	9,629	507	23%	-170	-7	
585771 08-03-57	VOLUNTEER PINNACLE REX	506697	1911031	5	3.60	1	5.0	7,738	5.03	389	21	7,724	378	19%	-9	0	
585782	STATES	1-64	0-00	7	1.43	2	3.5	6,782	5.69	386	13	7,611	426	22%	-201	-1	
585801 01-14-59	WONDERFUL EASTER RADAR	577598	1909592	0	18	1.56	9	4.0	9,488	5.34	507	20	9,079	470	42%	+199	+14
585821 11-03-58	CAROM ROSEBAY	565181	2279132	36	13	1.54	3	9.4	7,391	4.84	358	37	7,598	377	25%	-71	-7
585855 07-12-58	80NNY-S WILMA	2066716	5-67	20	1.00	1	20.0	6,925	5.27	365	3	7,679	407	21%	-171	-10	
585902 04-22-59	SEARCHLIGHT-S	579780	2191350	0	18	1.33	2	16.1	9,563	5.27	504	7	8,982	486	24%	+150	+4
585915	STATES	2-82,92	0-00	6	1.17	1	6.0	8,462	4.94	418	16	8,883	450	15%	-57	-5	
585918 02-17-59	LEADER ROYAL NOBLEMAN	567370	1952644	0	17	2.00	3	11.8	9,713	5.22	507	29	8,785	452	29%	+284	+15
585937 12-18-58	NOBLE JESTER-S	566970	2063404	0	19	1.84	6	6.4	8,606	5.17	445	12	8,935	457	40%	-109	-5
585983 08-06-58	LIBERATOR-S	564125	2050938	0	13	1.08	8	2.6	9,071	5.03	456	23	9,369	473	35%	-70	-6
586036 01-11-59	JESTER NOBLE FAVORITE LEADER	567370	1952641	6	59	1.68	24	4.7	9,176	5.11	469	13	8,689	453	69%	+357	+8
586184	STATES	4-33,35,41,42	0-00	12	1.33	4	7.0	7,707	5.28	407	22	7,262	363	26%	+85	+8	
586188	STATES	1-33	0-00	6	1.00	1	6.0	8,240	5.56	458	7	8,075	420	15%	+19	+4	
586224 10-24-58	COMBINATION-S	573454	1690887	22	14	1.14	1	14.0	7,426	5.04	374	19	8,200	412	20%	-159	-8
586263 11-10-58	8ELMONT SIXTH GENERATION	567370	2017986	0	20	1.95	3	12.1	10,435	5.31	554	18	10,085	533	32%	+167	+8
586265	STATES	2-33,41	0-00	6	1.17	1	6.0	9,870	4.99	493	5	10,353	511	15%	-44	-2	
586374	STATES	1-91	0-00	6	1.83	4	1.6	8,439	4.50	380	21	8,279	393	26%	+37	-5	
586400	STATES	1-74	0-00	12	1.17	1	12.0	7,966	4.86	387	16	7,563	373	19%	+62	0	
586458 05-02-59	CHAMPION-S	519828	2191332	8	1.50	3	3.7	10,777	4.80	517	5	9,827	497	25%	+273	+5	
586602 03-06-59	STANDARD SUPREME OF O.V	536401	1822260	37	1.49	1	37.0	9,366	4.78	448	47	9,358	466	25%	+26	-4	
586708 04-03-59	MANAOEL OWL DREAMER	535059	1312477	40	5	1.80	1	5.0	8,319	5.20	433	30	9,117	477	16%	-113	-6
586740 05-02-59	DOTTRINAS BRIM MASTERSON	554190	1871240	0	30	1.10	2	24.6	5,994	4.97	298	41	5,661	280	26%	+15	0
586748 10-24-58	MIGHTY XENIA MASTERPIECE	556790	2056888	5	1.80	2	3.4	7,048	5.02	354	26	7,423	374	18%	-85	-5	
586757 09-08-56	STANOARO VOL. DANDY LAIRD	484859	1689458	7	18	2.56	1	18.0	9,476	5.22	495	27	9,428	494	26%	+38	0
586773	STATES	1-35	0-00	5	1.80	1	5.0	8,116	5.01	407	6	8,873	470	16%	-114	-10	
586849 05-28-59	BRIGHAM CONFIDENT PAXTON	549813	1987391	13	17	1.65	2	13.4	11,393	4.96	565	16	10,457	528	26%	+299	+10

REGISTRATION				INC %	DAUGHTERS		NO OF DAU / HERD	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF BULL	NO		REC / DAU	MILK			%	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT	
587015 C5-24-59	TOREADDR-S 548159 STATES	8ASIL 1767280 5-31,55,61,65,74	7	32	1.47	8	8.6	7,843	5.24	411	24	9,066	473	46%	-532	-29	
587046 09-26-56	FAVORITE STANDARO 493165 STATES	FAVORITE 1531054 2-12,13		15	1.67	4	9.8	7,331	5.14	377	17	7,788	396	27%	-140	-7	
587145 10-17-57	PECAN GROVE 563976 STATES	WINSOME DESIGNER 1663098 1-72		15	1.07	1	15.0	7,542	4.68	353	19	7,493	343	20%	-8	0	
587238	.....*	0-00		9	1.11	1	9.0	9,858	4.91	484	13	8,000	407	18%	+320	+12
587247 12-16-58	TRISTRAM STD. 581174 STATES	HOPE PRINCE 2084266 1-82	0	9	1.11	3	4.5	9,393	5.20	488	7	9,772	510	24%	-56	-4	
587380	.....*	0-00		5	1.40	3	2.2	7,878	5.12	403	9	8,687	457	19%	-151	-10
587390 09-07-59	SABLE-S 541681 STATES	MAGICIAN 2162199 1-88	0	10	2.50	2	5.0	12,068	4.76	575	17	11,020	543	31%	+403	+11	
587548 01-03-59	MARLU FASHIDN 525015 STATES	ROYAL 2155942 1-43	4	31	2.00	2	29.0	10,201	4.86	496	37	9,641	506	28%	+192	-2	
587558	.....*	0-00		18	1.11	1	18.0	9,451	5.63	532	23	8,925	488	21%	+121	+9
587561 01-02-59	JESTER SLEEPING 534585 STATES	JESTER 2180670 1-61	11	9	2.22	3	5.6	8,871	5.25	466	11	8,970	450	26%	-10	+3	
587564	.....*	0-00		14	1.00	1	14.0	10,126	5.04	510	44	9,651	500	19%	+116	+2
587653 06-28-57	AIM-S 522951 STATES	LAVENDER REX 2233438 1-48		5	1.00	1	5.0	7,466	4.90	366	1	8,960	421	14%	-195	-8	
587666 07-24-59	BEACON WONDERFUL 503988 STATES	..... 2004350 4-21,81,82,91	11	110	1.30	37	5.4	9,672	5.19	502	18	9,809	515	79%	+2	-8
587688 09-24-58	MELA DE SPARKIE 568639 STATES	..... 1736991 1-35		5	2.00	1	5.0	8,605	4.54	391	4	7,928	399	17%	+106	-2
587738 03-03-58	AVDNLEA NOBLE 563936 STATES	BEACDN 1560878 1-65		14	1.14	1	14.0	9,204	5.15	474	22	8,544	429	20%	+135	+8	
587790 07-16-59	BROWN-S 551270 STATES	JESTING AMEY 8ASIL 1862386 2-57,63	7	33	1.70	3	29.1	6,866	4.62	317	38	7,407	349	28%	-177	-12	
587828 10-27-59	MILADY-S 577134 STATES	CLIMAX COMMANDD 2097072 1-65	0	11	1.09	1	11.0	8,760	4.52	396	12	8,018	391	19%	+131	0	
587831	.....*	0-00	0	8	1.25	2	6.2	7,773	5.08	395	7	9,168	460	20%	-259	-13
587964	.....*	0-00		5	1.80	2	2.6	6,173	4.76	294	11	7,858	390	20%	-345	-20
588023 11-18-59	BRIGHAM SYBIL 502113 STATES	OWL 1850119 1-63	8	42	1.26	17	4.4	8,434	5.11	431	23	8,625	430	60%	-101	-3	
588090	.....*	0-00		12	1.00	1	12.0	8,988	4.94	444	17	8,628	429	19%	+71	+1
588092 01-26-59	DANDY FAVDR 556096 STATES	COMMANDD 1824029 1-74	0	10	2.30	1	10.0	9,557	4.47	427	40	9,105	420	23%	+118	0	
588114 02-08-59	JESTER SLEEPING 534585 STATES	ADVANCER 2066252 1-33	0	18	1.83	1	18.0	9,325	5.10	476	11	9,312	455	24%	+25	+4	
588128 09-20-59	S A-S 553149 STATES	BEAUTY 2193206 1-72	17	11	1.27	2	5.5	6,355	4.58	291	19	7,138	337	27%	-240	-15	
588206 08-08-59	LEADER SPARKLING 567370 STATES	JESTER 1769053 3-43,92,93	0	14	1.21	3	7.0	7,684	5.28	406	43	8,506	433	28%	-230	-9	
588268 08-08-59	GOLDEN MISTER 574676 STATES	PINN 2093401 1-35	10	42	1.57	1	42.0	7,204	5.40	389	29	7,241	396	26%	-39	-3	
588305 07-24-59	MISTER PINN 549122 STATES	..... 1748752 1-32		13	1.69	1	13.0	7,962	5.05	402	19	8,563	421	22%	-129	-5
588312 08-11-59	VALIANT JESILEUS 542372 STATES	8AS 1741785 1-71	0	11	1.55	1	11.0	9,096	5.45	496	16	8,097	434	20%	+196	+11	
588319 09-23-59	WONDERFUL COMBINATION 573454 STATES	PRINCE 2020094 1-31	20	15	1.87	1	15.0	8,059	4.83	389	10	8,737	447	24%	-151	-14	

REGISTRATION				ING %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	SULL		NO	REC / OAU			MILK	AVERAGES %	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	OFF MILK	FAT
588449 08-18-59	DESIGNING TWICE 561512 STATES	8ASIL.....* 1850917 1-65	5-67	0	12	1.50	2	10.1	8,834	4.28	378	13	8,243	382	23%	+132	-3
588462 08-02-59	BARLU JESTER 534585 STATES	CHIEF.....* 1419516 1-61	5-67	11	11	1.55	2	7.7	8,386	5.04	423	8	9,050	449	24%	-145	-7
588467	.....*	.....*	0-00		5	2.60	2	3.4	7,765	5.07	394	11	8,537	441	20%	-153	-10
588541 08-16-59	COMMANOO MASTERSON 554190 STATES	AGTOR.....* 1865217 1-74	5-67		23	1.26	2	21.0	5,506	4.67	257	44	5,664	281	24%	-103	-10
588636	.....*	.....*	0-00	0	6	1.50	1	6.0	9,288	5.12	476	54	8,674	431	16%	+105	+6
588657	.....*	.....*	0-00	60	5	1.00	1	5.0	6,972	5.22	364	11	7,434	384	14%	-75	-3
588660 04-27-59	MAIO BASIL RAQAR.....* 499207 STATES	2203904 1-42	5-67	29	23	1.57	3	11.9	8,601	4.98	428	17	9,212	474	33%	-176	-15
588724	.....*	.....*	0-00	0	6	1.50	3	3.0	8,297	5.53	459	15	8,062	435	21%	+42	+4
588733 12-18-59	MARLU MILESTONE 563805 STATES	8ANNER.....* 1968103 5-32,47,57,61,65	6-67	10	49	1.96	7	36.1	8,050	5.32	428	30	8,612	448	34%	-182	-7
588804 06-02-59	STAR LUKE-S ALPHA 466643 STATES	PRINCE.....* 1950307 1-13	5-67	15	21	1.86	4	15.5	9,974	5.72	571	34	9,939	530	30%	+56	+13
588835 07-06-59	MARLU MILAOY 550331 STATES	EPIG.....* 2092114 34-13,23,31,65,87	6-67	9	292	1.05	154	4.0	8,215	5.32	437	22	8,964	453	91%	-631	-18
588876	.....*	.....*	0-00	11	9	1.11	1	9.0	9,660	5.34	516	42	10,092	525	18%	-45	0
589024 09-12-59	PIXIE-S PAXIE 506331 STATES	OYKE.....* 1981809 1-35	5-67	0	15	1.20	1	15.0	9,160	5.28	484	3	7,898	401	21%	+251	+15
589028 11-20-59	BASIL ETTA COMMANOO 570317 STATES	JESTER.....* 1609021 5-31,47,56,58,61	5-67	0	12	1.33	8	2.1	7,842	5.42	425	25	9,215	464	36%	-470	-14
589043 10-01-59	FAVORITE GOLOEN 574796 STATES	LAO.....* 1650393 3-35,41,42	6-67	11	11	1.45	6	3.0	9,268	5.13	475	14	8,485	429	33%	+259	+13
589056	.....*	.....*	0-00		9	1.56	3	3.2	8,015	5.15	413	39	7,635	391	28%	+84	+3
589069 11-01-59	MARLU MILAO.....* 584285 STATES	.....* 1726368 7-21,22,23,33,57	6-67	0	29	1.24	13	5.9	11,402	5.51	628	24	10,670	582	48%	+456	+26
589097 01-25-60	WINSOME LAOO 569412 STATES	OF PEFFER FARMS..* 1855541 1-93	1-67		9	1.11	2	4.5	7,025	5.11	359	18	8,794	449	24%	-406	-21
589130 09-10-59	BRAMPTON POLLY-S 565303 STATES	PRIOE.....* 2062583 1-34	5-67	22	10	1.50	2	8.2	9,484	4.84	459	15	9,040	458	22%	+110	0
589166 11-07-59	SECRET TWINKLING 497574 STATES	VICTOR.....* 1682914 2-42,91	6-67	14	35	1.49	9	8.6	10,107	5.07	512	12	8,901	463	48%	+607	+22
589282	.....*	.....*	0-00		7	1.00	1	7.0	6,286	4.92	309	2	8,153	382	16%	-294	-12
589338 09-01-59	JESTER NOBLE 542372 STATES	SPARKLING AIM....* 1508546 2-47,48	5-67	0	13	1.77	3	8.0	9,543	5.18	494	19	8,887	443	28%	+198	+13
589354	.....*	.....*	0-00	13	8	1.13	1	8.0	9,167	4.94	453	15	9,713	509	17%	-70	-8
589368	.....*	.....*	0-00		7	1.00	1	7.0	9,709	4.88	474	3	9,750	515	16%	+14	-5
589386 01-20-60	DESERT ETTA STAR.....* 565141 STATES	.....* 1914086 3-31,64,86	5-67	11	29	1.03	3	23.4	10,210	4.99	509	23	9,989	465	25%	+96	+10
589390 12-15-59	IMP. ITASKA-S G10008611 STATES	FILLPAIL REVIVER* 010057693 16-23,51,54,56,72	6-67	16	128	1.41	62	4.3	7,899	5.13	405	25	8,213	419	83%	-276	-17
589405 07-02-59	BOWLINAS WELGOME 580237 STATES	ACME.....* 1747519 1-74	6-67		19	1.00	1	19.0	10,379	5.15	534	13	10,345	569	21%	+47	-5
589445	.....*	.....*	0-00		9	1.00	2	7.2	7,261	4.89	355	18	7,437	384	19%	-51	-7
589448 05-26-59	ADVANCE PRINCE 520051 STATES	TYRONE.....* 1941728 1-31	5-67	11	15	1.47	2	13.1	8,794	4.73	416	16	9,197	455	24%	-76	-9

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL	INC	NO	REC / OAU	HERDS	DAU / HERD	MILK	AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
589466 12-29-59	LEADER COMMANDO 567370 STATES	00	ROYAL..... 2274581 1-43	11 5-67	9	1.22	2	5.0	7,934	5.19	412	4	8,166	425	23%	-59	-4		
589497 10-27-59 STUD 21-10	AMBASSADOR RUBY-S 571911 STATES	5	PRINCE..... 2261161 2-13,21	9 6-67	49	1.49	28	3.3	8,999	5.00	450	21	9,274	480	68%	-127	-21		
589609	..... STATES	.....	..... 1-31	13 0-00	8	1.00	1	8.0	6,346	4.84	307	7	6,878	346	16%	-111	-8
589634 01-27-60	TAYLORS JAMES 537666 STATES	CHAMPION..... 1656358 1-55	5-67	8	13	1.31	1	13.0	9,929	4.40	437	20	9,271	449	20%	+151	-2		
589636 12-26-59	GLI-BAR JESTER 558413 STATES	CAROM..... 1835152 2-35,42	5-67	24	34	1.47	3	28.4	6,550	5.27	345	16	7,930	438	28%	-396	-2		
589686	..... STATES	.....	..... 1-42	40 0-00	5	1.20	3	2.2	7,664	5.10	391	22	7,926	402	18%	-56	-3
589696	..... STATES	.....	..... 3-31,65,74	0 0-00	8	1.00	5	2.0	6,161	5.18	319	28	7,924	399	26%	-466	-22
589730	..... STATES	.....	..... 1-74	..... 0-00	5	1.40	1	5.0	8,426	4.56	384	24	8,174	397	15%	+34	-3
589733 10-11-59	STANDARO VOLUNTEER 526611 STATES	JEST..... 1953313 1-43	5-67	0	15	1.67	3	6.6	9,539	5.20	496	26	9,516	490	33%	+44	+2		
589746 12-20-59	SY81L GENERATION 010124304 STATES	PROFESSOR..... 2055362 3-12,13,55	5-67	12	21	1.29	6	6.8	11,306	5.09	576	13	9,992	524	38%	+562	+21		
589759 10-16-59 STUD 35-75	LEADER-S JESTER 567370 STATES	8AR8ER..... 2225903 1-65	6-67	0	19	1.84	3	12.3	10,429	5.08	530	32	10,086	521	31%	+157	+3		
589772 01-05-58	IMP. PAULINE-S 581485 STATES	FILLPAIL RULER.* 010059790 4-15,16,31,64	5-67	2	52	1.15	4	46.2	8,569	4.83	414	94	7,476	362	26%	+263	+10		
589862	..... STATES	.....	..... 1-92	..... 0-00	5	1.00	1	5.0	8,002	5.02	402	7	8,728	443	14%	-93	-5
589928 03-17-59	JOHNNY-S GOLDEN 565141 STATES	ETTA STAR..... 1876480 4-31,42,51,55	5-67	7	18	1.61	7	4.3	9,023	4.82	435	20	8,555	433	42%	+201	-1		
589999	..... STATES	.....	..... 1-42	..... 0-00	17	1.12	1	17.0	8,029	5.18	416	4	6,659	330	21%	+248	+14
590067	..... STATES	.....	..... 1-74	..... 0-00	5	1.00	2	3.4	6,928	4.97	344	16	8,354	414	16%	-222	-11
590075	..... STATES	.....	..... 1-43	..... 0-00	5	1.60	1	5.0	7,245	5.66	410	8	8,492	457	16%	-195	-7
590094	..... STATES	.....	..... 1-31	11 0-00	9	1.33	2	7.2	5,352	4.99	267	9	7,102	355	21%	-388	-20
590165 04-18-60 STUD 63-01	TENN WAR BREAD 535058 STATES	D.L.C. LAD..... 2067708 1-63	5-67	0	10	1.40	1	10.0	13,456	4.70	633	56	12,599	606	20%	+250	+7		
590208 02-06-58	GEM-S BRAVO NICK. 564823 STATES	..... 1899827 1-82	5-67	43	15	1.87	1	15.0	8,152	4.81	392	9	9,254	479	23%	-230	-19	
590241	..... STATES	.....	..... 1-48	..... 0-00	9	1.00	4	2.3	8,831	5.05	446	13	8,368	432	27%	+126	+2
590288	..... STATES	.....	..... 1-91	..... 0-00	5	1.00	1	5.0	10,110	5.25	531	33	9,754	503	14%	+67	+4
590317 09-21-59	NANCY-S SLEEPING 534585 STATES	ADVANCER..... 1885524 4-31,32,61,63	5-67	0	16	1.56	7	4.1	9,127	5.14	469	15	8,796	449	39%	+143	+6		
590318 02-17-60 STUD 35-75	WONDERFUL PAMSON. 534585 STATES	..... 1755015 2-31,74	6-67	0	15	1.53	3	7.1	9,945	4.88	485	27	8,809	431	32%	+373	+15	
590319	..... STATES	.....	..... 1-57	33 0-00	7	1.14	2	5.2	7,700	5.53	426	21	8,348	426	18%	-119	0
590467 03-24-59	FERNOALE ADVANCER 580787 STATES	BART..... 1887942 1-72	5-67	0	14	1.07	2	9.2	7,723	4.45	344	55	7,727	357	25%	-17	-6		
590682	..... STATES	.....	..... 2-55,56	0 0-00	9	1.22	4	2.5	9,805	5.03	493	51	9,100	469	28%	+219	+6
590697 09-28-59	SIGNAL GEORGIE 550285 STATES	LAD..... 2143738 1-35	5-67	0	13	2.15	1	13.0	6,250	4.94	309	9	7,269	379	24%	-269	-19		
590737 01-13-59	CARTAGENA ADVANCER 559861 STATES	CORALAO.... 2181876 2-91,92	5-67	.....	26	1.46	4	12.4	10,001	5.22	522	36	10,124	522	35%	+17	+1	

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREOIFF FAT	
NUMBER	NAME	OF	SULL		NO	REC / OAU			MILK	%	FAT	HERMATE NO	MILK	FAT			
591432 09-27-60	DAYPECK MILAOD 584285 STATES	2290030 1-43	5-67	6	18	1.50	1	18.0	9,772	5.32	520	44	9,993	521	23%	-14	0
591436 09-19-60	TRINETTES M.C.P. ERICSON 552974 STATES	2158652 1-21	1-67	9	13	1.08	1	13.0	5,857	5.53	324	14	6,646	360	19%	-186	-9
591443 12-22-59	COMMANOO PATTERN LAURA IKE 552974 STATES	2132906 1-73	5-67	0	10	2.10	2	6.8	7,136	5.26	375	5	8,873	424	26%	-437	-14
591447 05-12-60	8EAUTY-S S.A. 553149 STATES	2057373 1-65	5-67		7	1.43	4	2.7	7,274	4.98	362	45	8,466	421	24%	-286	-15
591456 09-20-60	DESIGN-S BASIL 587027 STATES	2235256 1-65	5-67	7	16	1.38	1	16.0	7,031	5.48	385	12	7,525	371	22%	-127	0
591519 03-30-60	ADVANCER SLEEPING BEACON 010121754 STATES	2276790 1-65	5-67	0	10	1.20	2	8.2	6,374	5.00	319	11	7,590	397	21%	-265	-17
591569	.....	.....	0-00		5	1.20	3	2.2	7,168	4.84	347	91	7,555	376	18%	-86	-7
591570 10-01-60	BASIL RADAR-S BELL RINGER 499207 STATES	2147381 2-82,85	5-67	6	33	1.27	5	14.2	10,395	5.09	529	24	9,880	481	38%	+251	+18
591573	.....	.....	0-00		5	1.20	1	5.0	9,112	5.29	482	11	10,082	512	14%	-114	-3
591619 12-03-59	ROSE-S RING MAN 580702 STUO 33-03	2017445 3-31,34,74	6-67		79	1.20	3	75.0	8,458	5.15	436	90	7,947	412	26%	+121	+4
591673	.....	.....	0-00	17	7	1.14	2	4.1	10,524	5.44	573	19	9,876	536	20%	+160	+8
591676	.....	.....	0-00	20	6	1.17	2	3.3	8,190	5.49	450	4	9,246	482	19%	-185	-5
591736 03-16-60	BROWNLANE GENERATION ACE OF V. 010124304 STATES	010197505 1-16	5-67	20	10	1.40	1	10.0	8,414	5.62	473	10	8,813	460	19%	-68	+2
591745	.....	.....	0-00	10	10	1.30	1	10.0	7,153	5.70	408	24	7,293	399	19%	-47	0
591800 03-12-60	SILKEN HIGH LAWN TORONO 497574 STATES	1920113 1-91	5-67		5	2.00	1	5.0	10,781	4.61	497	1	8,908	451	17%	+333	+7
591864	.....	.....	0-00		5	1.60	1	5.0	9,906	4.93	488	62	9,854	477	16%	+30	+1
591896 11-24-60	LANDMARK JESTER 583102 STATES	1796107 1-32	5-67	20	11	1.09	2	9.1	8,243	5.35	441	7	8,585	450	21%	-66	-2
591988 07-12-60	BASIL VICTORY DESIGN 568040 STATES	1776317 2-31,54	5-67	7	14	1.57	3	7.8	9,119	4.88	445	15	9,041	442	29%	+41	0
592003 01-17-61	AMY-S 8.J.A. 528332 STATES	1956897 3-31,52,64	5-67	17	23	1.00	5	8.3	6,615	5.09	337	53	8,453	441	36%	-652	-38
592018	.....	.....	0-00	20	5	1.00	1	5.0	9,640	5.28	509	8	9,512	464	14%	+32	+6
592054 07-19-60	STAR CHAMPION 557868 STUO 35-75	2191346 1-14	6-67	8	12	1.67	1	12.0	11,938	4.92	587	76	11,513	595	22%	+160	0
592055 10-27-60	FAVORITE SECRET BRAVE 563813 STUO 91-01	2023234 1-91	5-67	0	11	1.45	7	1.9	10,018	5.06	507	22	10,120	517	36%	+25	-2
592073 02-15-60	NORMSLAND BELLE BOY 502323 STUO 21-10	1652984 2-11,55	6-67	5	47	1.64	29	2.1	10,163	5.29	538	15	9,405	480	71%	+607	+40
592109 08-08-60	LASSIE SAMARES KNIGHT 570101 STATES	1791098 1-65	5-67	33	10	1.10	4	3.4	8,707	4.70	409	43	7,747	367	28%	+247	+8
592121	.....	.....	0-00		5	2.00	2	3.4	9,449	4.41	417	13	8,663	408	19%	+153	0
592134	.....	.....	0-00	20	6	1.00	4	1.6	6,818	5.41	369	7	7,473	387	22%	-161	-5
592136	.....	.....	0-00		9	1.00	1	9.0	7,356	4.70	346	16	6,898	338	17%	+52	0
592163 08-19-60	JANE-S JIM 567241 STATES	2054813 1-21	5-67	18	11	1.00	3	6.2	11,121	5.70	634	20	11,715	633	24%	-62	+3
592174 10-19-60	ORACONIS WGNOROUS HIGHFIELD 564357 STATES	1766980 5-22,23,55,57,65	5-67	14	14	1.07	6	4.4	10,711	4.79	513	21	10,749	545	32%	+63	-8

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE		REPEATABILITY OF SIRE		PREDICTION	
NUMBER	NAME	OF BULL	REC / DAU		NO	MILK			%	FAT	NO	MILK	FAT	%	MILK	FAT	
592181	.....*		0-00	6	1.00	1	6.0	10,343	5.25	543	44	9,757	499	15%	+106	+6
	STATES	1-72															
592184	GIL-8AR CAROM RECORDS.....*	27		12	1.17	3	7.1	7,155	5.05	361	14	7,563	382	25%	-122	-7	
10-14-60	558413	2024173	6-67														
STUD 91-11	STATES	1-35															
592201	LOCK-LEE GOLDEN BOY.....*	23		13	1.54	2	7.4	9,180	5.32	488	31	10,020	521	28%	-191	-8	
12-21-60	565141	1893095	5-67														
	STATES	1-21															
592253	GOLDEN ETTA COMMANDO SLEEPER...*	8		12	1.75	5	5.6	8,161	5.34	436	16	10,128	510	31%	-552	-21	
10-21-60	556092	2228681	5-67														
	STATES	4-31,58,61,74															
592303	.....*	17		6	1.17	1	6.0	8,412	5.30	446	5	9,639	488	15%	-169	-6
	STATES	1-21															
592332	.....*	0		7	1.00	1	7.0	5,939	5.03	299	6	7,694	388	16%	-284	-15
	STATES	1-64															
592373	BARBARA-S DRACONIAN PINN.....*	0		15	1.13	2	13.1	9,769	4.84	473	15	8,883	430	22%	+204	+8	
09-08-60	580594	2181794	5-67														
	STATES	1-63															
592378	.....*	0		5	1.00	1	5.0	8,820	4.56	402	91	7,730	364	14%	+139	+3
	STATES	1-74															
592408	.....*	0		5	1.20	1	5.0	10,442	4.72	493	4	10,053	492	14%	+79	0
	STATES	1-32															
592415	MASTERMAN BLONDE LAD.....*	8		13	1.46	2	11.1	8,157	5.09	415	21	8,649	430	23%	-107	-4	
07-15-60	546980	1791763	5-67														
	STATES	1-63															
592439	.....*	10		10	1.10	2	8.2	9,576	5.22	500	77	9,932	541	20%	-40	-6
	STATES	1-56															
592440	HI-MARK-S STAR SLEEPER.....*	8		13	1.62	1	13.0	9,920	4.68	464	49	9,533	453	22%	+108	+1	
11-07-60	586299	2316068	5-67														
	STATES	1-58															
592483	.....*	13		8	1.38	1	8.0	4,958	5.00	248	8	6,845	360	18%	-369	-22
	STATES	1-34															
592494	COMMANDO 8.J.A.....*	0		14	1.21	2	12.1	9,228	5.15	475	29	8,669	458	22%	+129	+3	
08-30-60	528332	2181811	5-67														
	STATES	2-21,43															
592516	.....*	0		6	1.17	1	6.0	7,713	5.03	388	24	8,437	439	15%	-110	-8
	STATES	1-14															
592538	CHAMPION-S EVANGELIST.....*	13		10	1.20	3	4.4	10,843	4.52	490	8	8,754	422	26%	+556	+16	
12-21-60	519828	2233394	5-67														
	STATES	2-23,56															
592568	MARLU MILESTONE AMULET.....*	7		29	1.55	1	29.0	9,684	5.19	503	17	9,570	467	25%	+57	+8	
08-07-60	563805	1983659	5-67														
	STATES	1-35															
592580	STARVIEW COMMANDO PATTERN.....	33		12	1.08	1	12.0	8,863	5.70	505	24	9,524	502	19%	-104	+1	
07-17-60	552974	1736805	6-67														
STUD 91-11	STATES	1-93															
592602	.....*	33		6	1.17	1	6.0	7,283	4.78	348	48	7,716	383	15%	-76	-6
	STATES	1-93															
592632	WONDER JESTER FILLPAIL SIR.....*	10		24	1.21	2	17.3	8,895	4.76	423	128	8,633	418	27%	+78	0	
08-18-60	586649	1951168	5-67														
	STATES	1-93															
592650	MILESTONE SUPREME COMMANDO....*	5		22	1.23	8	4.8	9,258	5.45	505	31	9,983	504	43%	-244	+1	
07-11-60	563805	2155938	5-67														
	STATES	7-11,13,14,16,55															
592697	SPARKLING BLONDE PIONEER.....*	0		16	1.31	1	16.0	8,226	5.31	437	12	8,154	422	22%	+10	+2	
05-28-60	496820	2046899	5-67														
	STATES	1-57															
592702	VOLUNTEER STONY BROOK JONAS....*	0		7	1.29	1	7.0	10,572	4.63	489	99	8,688	420	17%	+323	+10	
04-26-60	506697	1804326	5-67														
	STATES	1-58															
592718	MARLU ANSOM CHARMER.....*	0		26	1.15	3	18.9	9,857	5.38	530	83	10,255	554	27%	-57	-4	
07-19-60	584285	2128362	5-67														
	STATES	3-56,63,74															
592764	.....*	0		6	1.00	1	6.0	8,265	4.48	370	10	7,368	360	15%	+116	0
	STATES	1-74															
592841	STONEY BLUFF FAVORITE CHAMPION*	8		12	1.50	4	4.5	11,166	5.05	564	31	10,069	529	32%	+398	+12	
12-23-59	537666	2112936	5-67														
	STATES	1-43															
592845	.....*	11		9	1.22	1	9.0	8,526	5.96	508	11	7,704	454	18%	+136	+9
	STATES	1-48															
592868	SABELS MICHAEL.....*	0		13	1.31	1	13.0	7,920	4.76	377	27	8,647	439	21%	-143	-13	
05-10-60	581775	2059923	5-67														
	STATES	1-31															
592884	CHOICE COM. ROYAL BEACON.....*	9		13	1.00	5	3.3	9,335	5.30	495	25	9,348	486	33%	+26	+3	
08-27-60	571912	2191967	5-67														
	STATES	2-13,55															

REGISTRATION				INC %	DAUGHTERS		ND DF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		PRED	
NUMBER	NAME	DF	BULL		ND	REC / DAU			MILK	%	FAT	HERD ND	MATE MILK	FAT	DF SIRE SUMMARY	DIFF MILK	FAT
592886	RADAR RIVERHOLM CID CURT	09-18-58	557268 2230799 1-21	0	5	1.40	1	5.0	7,608	4.60	350	20	8,113	396	15%	-80	-8
592899	STATES	1-43	0-00	0	5	1.40	2	2.6	7,782	4.92	383	4	8,058	397	19%	-57	-4
592901	STATES	1-74	0-00	0	6	1.33	2	3.3	9,360	4.97	465	77	8,993	451	20%	+85	+2
592962	STATES	1-13	0-00	5	1.40	1	5.0	7,894	5.28	417	5	8,384	427	15%	-73	-2	
592972	GARGANTUA	12-07-60	561500 1982961 1-84	35	17	1.12	1	17.0	4,825	5.47	264	33	6,443	344	21%	-377	-19
592997	RADAR BRDWNYS DESIGNER	03-11-61	571555 2012509 1-31	0	16	1.19	1	16.0	9,537	5.16	492	10	8,637	418	21%	+193	+14
593061	BRIGHAM TOROND SUPER8	03-10-61	497574 2056464 2-13,21	4	28	1.07	21	1.7	9,529	4.95	472	17	9,618	485	56%	+18	-7
593088	MILESTONE CMDMANDD LEADER	10-31-60	563805 2226827 2-55,56	17	13	1.46	3	9.4	10,427	5.04	526	18	9,816	496	25%	+188	+7
593100	STATES	1-58	0-00	0	6	1.00	1	6.0	8,955	4.33	388	16	7,487	329	15%	+202	+6
593236	PDMPDUS VALIANT JESTER	09-06-60	552439 2280766 4-33,41,42,43	0	12	1.33	7	2.0	7,507	4.93	370	15	8,320	416	37%	-301	-19
593302	EDGELEA PDSING ACME	04-20-58	010126125 010174207 1-74	2	57	1.28	2	43.2	7,589	4.65	353	83	7,721	354	30%	-59	-4
593324	STATES	1-93	0-00	13	8	1.00	1	8.0	6,404	5.22	334	7	9,589	473	16%	-502	-22
593375	STATES	1-43	0-00	5	1.00	1	5.0	7,556	5.17	391	5	7,706	397	14%	-29	-1	
593406	PIXY-S IMPERIAL	03-19-60	530104 1968775 2-35,92	22	10	1.40	3	5.4	8,864	5.44	482	34	10,488	549	26%	-360	-15
593413	PIXY-S TRISTRAM ORRLAND	10-08-60	530104 2073097 1-41	11	19	1.26	1	19.0	9,509	5.14	489	16	9,306	474	22%	+64	+3
593478	STATES	1-34	0-00	33	6	1.33	1	6.0	6,641	5.57	370	36	6,669	365	16%	-32	0
593507	DBSERVER SANJO VALIANT	01-24-61	553236 1975152 1-23	9	11	1.09	7	2.0	9,407	5.19	488	13	8,564	460	33%	+283	+8
593537	ETTA STAR DDOUBLE	12-13-60	565141 1896477 12-31,32,43,63,91	6	79	1.11	40	3.2	8,159	5.12	418	20	8,565	438	76%	-294	-19
593598	LAD-S FAVGRITE BASIL	05-01-58	574589 2252072 1-91	8	14	1.79	1	14.0	8,763	5.10	447	11	8,955	452	23%	-30	-1
593605	STATES	1-31	0-00	0	11	1.00	1	11.0	6,826	5.30	362	9	7,138	387	18%	-79	-6
593623	GOLDEN ETTA VALIANT STAR	06-08-60	576911 2280773 1-31	0	12	1.42	2	10.1	8,369	5.35	448	34	7,765	414	23%	+121	+6
593639	MARLU ANSDM CITATION	11-12-60	584285 2299123 1-56	6	1.33	2	3.3	7,141	5.07	362	29	7,804	390	20%	-143	-7	
593653	STATES	1-42	0-00	0	5	1.00	2	3.4	8,600	5.10	439	10	8,096	415	16%	+74	+2
593718	NICHOLS FARM-S ATLAS SUPERIDR	10-17-60	502323 1888685 1-11	50	9	1.00	1	9.0	9,643	5.13	495	19	9,209	484	17%	+88	+2
593730	STATES	1-33	0-00	0	8	1.00	1	8.0	8,916	4.93	440	15	8,260	412	16%	+105	+3
593758	STATES	1-56	0-00	29	7	1.00	2	3.5	8,097	4.93	399	27	9,807	498	20%	-318	-19
593799	MARLU ANSDM MANITD	12-29-60	584285 2226835 2-13,55	5	22	1.18	5	6.9	8,130	5.12	416	16	9,094	455	38%	-343	-16
593800	STATES	1-57	0-00	5	1.40	1	5.0	10,626	4.78	508	4	9,998	492	15%	+119	+2	
593815	WASHINGTON TIGER	12-14-60	546354 1609141 2-13,21	8	27	1.19	25	1.1	9,676	4.70	455	17	9,551	487	59%	+140	-18

REGISTRATION					INC %	DAUGHTERS		NO DF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		PRED	
NUMBER	NAME	OF	S U L L	NO		REC / DAU	MILK			%	FAT	HERDMATE NO	MILK	FAT	DF SIRE SUMMARY	DIFF MILK	FAT	
593818 02-27-61	FAVORITE LDRD 563813 STATES	AM8ASSADDR 2001625 2-71,74	***** 5-67	29	18	1.22	3	12.7	9,028	4.92	444	19	9,573	461	26%	-111	-4	
593820 06-01-61	FAVDRITE PHILOSDPHER 563813 STATES	2068714 1-63	***** 6-67	0	10	1.30	2	5.0	9,988	5.12	511	59	9,448	460	26%	+165	+12	
593832	.....	.....	***** 0-00	0	5	1.00	1	5.0	7,344	4.77	350	13	8,342	418	14%	-136	-9
593833 12-31-60	STYLISH MAN LIBERATDR 582510 STATES	2093213 1-11	***** 6-67	0	9	1.44	6	2.3	8,693	4.98	433	15	9,168	463	30%	-120	-9	
593871	.....	.....	***** 0-00	33	9	1.00	1	9.0	8,513	4.78	407	22	8,530	415	17%	0	-2
593882 07-12-60	8EACDN BAS ARCHITECT 559928 STUD 35-05	1872564 1-74	***** 6-67	9	25	1.60	1	25.0	9,001	5.24	472	72	9,219	480	25%	-33	-1	
593883 08-26-60	S.S. QUICKSILVER DF VAL NEVA.. 553236 STUD 93-10	2166445 1-88	***** 6-67	0	10	1.30	3	6.6	12,449	5.19	646	21	11,278	574	23%	+337	+18	
593911 08-27-60	PRICELESS CMDMANDD 578140 STATES	2049836 1-42	***** 5-67	17	12	1.25	3	8.5	9,329	5.46	509	6	8,331	449	24%	+233	+13	
593944	.....	.....	***** 0-00	33	6	1.00	1	6.0	8,453	5.32	450	10	8,502	436	15%	-5	+1
593949 07-02-60	8RAZD-S CMDMANDD HERMAN 552974 STATES	1973293 1-74	***** 5-67	0	5	1.20	2	3.4	7,304	4.41	322	30	7,535	361	16%	-51	-8	
594002	.....	.....	***** 0-00	0	6	1.00	2	3.3	10,225	5.73	586	36	9,127	474	18%	+214	+20
594003 02-06-61	KEEPER-S JESTER PREMIER 585748 STATES	2093281 1-93	***** 5-67	7	14	1.14	1	14.0	8,096	4.67	378	37	7,639	382	20%	+76	-2	
594028 08-30-60	CHINA 8ELLE-S COMMANDD 556063 STATES	1994185 1-48	***** 5-67	4	23	1.13	1	23.0	9,321	5.10	475	17	8,954	439	22%	+93	+7	
594039	.....	.....	***** 0-00	40	5	1.00	3	2.2	7,894	5.50	434	22	8,362	451	18%	-82	-3
594051	.....	.....	***** 0-00	0	10	1.10	1	10.0	7,529	5.27	397	23	9,078	453	18%	-269	-10
594108	.....	.....	***** 0-00	0	6	1.00	4	2.0	8,090	5.23	423	13	8,128	408	21%	-13	+1
594182 05-20-58	TRISTRAM JULIANNA JACK 472114 STATES	1704399 1-35	***** 8-66	5	1.20	2	2.6	6,923	5.16	357	5	7,398	392	18%	-101	-7		
594192	.....	.....	***** 0-00	0	5	1.00	2	3.4	10,722	4.76	510	36	10,350	524	16%	+88	-1
594218	.....	.....	***** 0-00	10	10	1.00	2	8.2	9,003	4.93	444	23	8,515	439	20%	+97	0
594229	.....	.....	***** 0-00	7	14	1.00	4	3.7	7,212	4.92	355	28	7,819	372	33%	-221	-9
594245 09-30-60	MDHAWK ETTA STAR 565141 STATES	2302469 2-82,92	***** 6-67	11	30	1.30	2	15.2	10,117	4.92	498	24	10,041	499	35%	+83	0	
594265	.....	.....	***** 0-00	0	5	1.00	1	5.0	11,960	4.89	585	17	11,010	540	14%	+165	+7
594274	.....	.....	***** 0-00	0	5	1.20	2	2.6	9,047	4.90	443	6	9,114	472	18%	+1	-5
594299 12-29-60	MARLU WDNDERFUL MILESTONE 563805 STATES	1821569 1-57	***** 5-67	0	14	1.36	2	12.1	9,568	5.52	528	43	8,806	483	23%	+183	+10	
594309	.....	.....	***** 0-00	0	6	1.50	3	2.3	9,502	5.26	500	8	9,936	512	22%	-62	-1
594322	.....	.....	***** 0-00	0	6	1.00	1	6.0	8,527	5.00	426	69	10,063	498	15%	-201	-10
594323	.....	.....	***** 0-00	0	9	1.11	1	9.0	7,264	5.02	365	4	7,304	376	18%	-26	-3
594390 01-04-61	EVERADY-S GDLNEN CHAMP 574676 STATES	2144789 1-34	***** 5-67	22	27	1.26	3	23.2	8,591	5.04	433	16	9,438	470	26%	-189	-9	
594407 10-30-58	ANSDM VALOR 010008847 STUD 33-03	010060687 5-12,22,51,52,56	***** 6-67	9	19	1.26	7	5.5	10,856	5.31	576	23	10,866	582	38%	+90	+1	

[illegible]

JERSEY

167

REGISTRATION				DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		PRED	
NUMBER	NAME	OF	SULL	INC %	NO			REC / OAU	MILK	%	FAT	HEROMATE NO	MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT
595097	.....*	13	0-00	8	1.13	1	8.0	6,793	4.81	327	63	7,997	371	17%	-211	-9
	STATES	1-72														
595107	.....*		0-00	6	1.50	2	3.3	7,456	5.43	405	20	8,593	453	21%	-231	-10
	STATES	1-31														
595116	.....*	0	0-00	5	1.00	2	3.4	10,728	4.79	514	24	9,332	469	16%	+232	+7
	STATES	2-32,41														
595120	.....*	80	0-00	5	1.00	1	5.0	7,424	5.06	376	19	8,974	455	14%	-202	-10
	STATES	1-31														
595122	.....*		0-00	6	1.17	3	3.0	7,566	5.23	396	11	7,795	380	20%	-56	+1
	STATES	1-48														
595125	.....	C	0-00	8	1.13	1	8.0	11,099	4.33	481	8	9,638	449	17%	+269	+5
	STATES	1-63														
595157	.....*	0	0-00	5	1.20	1	5.0	8,431	5.67	478	5	8,700	461	14%	-33	+2
	STATES	1-42														
595173	.....*	14	0-00	7	1.14	2	5.2	6,456	5.11	330	10	8,418	446	18%	-360	-21
	STATES	1-31														
595226 JEWEL-S JEST.	.....*	0	5-67	12	1.25	1	12.0	8,903	4.84	431	33	9,017	434	20%	-10	-1
08-07-61 525627 2031591	STATES	1-64														
595252 MARLU SOVEREIGN MILESTONE....	.....*	16	6-67	67	1.12	20	6.7	8,427	4.96	418	28	8,681	448	65%	-148	-22
06-28-61 563805 2057458	STUO 52-01 STATES	5-31,35,52,55,65														
595254 MARLU MILADY STYLIST.....	.....*	0	6-67	13	1.00	8	2.2	9,528	4.92	469	22	9,778	505	36%	-39	-12
07-21-61 589136 2155972	STUO 91-13 STATES	1-91														
595258 GENERAL JESTER ADVANCER.....	.....*	14	0-00	7	1.00	7	1.0	8,239	4.78	394	31	8,750	444	26%	-123	-13
08-17-61 528332 1971945	STUO 61-01 STATES	5-31,35,61,63,91														
595384	.....*	0	0-00	8	1.13	1	8.0	10,540	5.04	531	5	11,463	570	17%	-104	-4
	STATES	1-92														
595394	.....*	13	0-00	8	1.13	6	1.7	7,777	5.08	395	10	7,664	381	27%	+10	+1
	STATES	3-41,42,65														
595396	.....*	0	0-00	5	1.20	1	5.0	11,321	4.43	501	10	9,028	436	14%	+337	+8
	STATES	1-32														
595439	.....*	0	0-00	10	1.00	2	8.2	9,180	5.04	463	42	8,945	462	20%	+56	0
	STATES	1-56														
595443	.....*	17	0-00	6	1.00	1	6.0	9,827	5.27	518	79	11,077	559	15%	-144	-4
	STATES	1-56														
595447	.....*	20	0-00	5	1.00	3	2.2	12,338	4.98	614	19	11,214	562	18%	+246	+10
	STATES	2-12,14														
595478	.....*	0	0-00	11	1.09	1	11.0	8,841	5.20	460	21	9,629	514	19%	-123	-9
	STATES	1-33														
595480	.....*	13	0-00	8	1.00	1	8.0	9,241	4.79	443	10	9,120	470	16%	+31	-4
	STATES	1-41														
595481 GIL-8AR ETTA IMMORTAL.....	.....*	0	0-00	6	1.00	4	2.0	7,362	5.12	377	6	6,747	353	21%	+93	+2
08-07-61 590777 2189656	STUO 91-11 STATES	2-35,41														
595484 POWELLA-S COMMANDO ESMONO....	.....*	0	5-67	26	1.31	1	26.0	7,580	4.93	374	20	7,645	384	23%	-32	-4
02-07-60 502114 2301479	STATES	1-84														
595500	.....	17	0-00	6	1.33	1	6.0	5,062	5.25	266	17	7,048	370	16%	-341	-18
	STATES	1-92														
595550 MARLU MILESTONE STARDOM.....	.....*	13	6-67	62	1.16	27	3.9	8,793	5.06	445	18	8,406	423	70%	+268	+10
05-03-61 563805 1726397	STUO 61-02 STATES	1-61														
595600	.....*	0	0-00	5	1.20	1	5.0	8,064	5.33	430	11	8,201	430	14%	-22	0
	STATES	1-33														
595612	.....*	0	0-00	5	1.00	3	2.2	7,322	5.38	394	16	7,310	384	18%	-16	0
	STATES	2-42,51														
595627	.....*	10	0-00	10	1.00	1	10.0	7,005	4.87	341	25	6,967	343	18%	-18	-2
	STATES	1-65														
595641	.....*	14	0-00	9	1.00	2	4.5	10,012	5.07	508	15	9,946	527	23%	+50	-3
	STATES	1-74														
595668	.....*	0	0-00	10	1.00	1	10.0	9,539	5.41	516	20	9,518	522	18%	+23	0
	STATES	1-14														

REGISTRATION				INC %	DAUGHTERS			NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO OFF FAT
NUMBER	NAME	OF BULL	NO		REC / OAU	MILK	%			FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY			
595736	STATES	1-63	0-00	0	6	1.00	2	3.3	9,538	4.72	450	50	9,648	472	18%	+2	-4
595769	STATES	1-93	0-00	0	5	1.00	1	5.0	8,298	5.29	439	23	8,822	471	14%	-65	-4
595783	STATES	1-91	0-00	0	5	1.00	1	5.0	8,740	5.17	452	8	9,842	505	14%	-129	-6
595810	MILAOY STAR PRINCE	571911	2034442	0	17	1.29	11	1.8	7,741	4.87	377	9	8,134	398	45%	-190	-13
STUO 63-01	STATES	1-63	6-67														
595841	STATES	1-33	0-00		5	1.00	1	5.0	8,492	5.29	449	4	7,610	387	14%	+109	+7
595932	STATES	1-74	0-00	14	14	1.14	1	14.0	6,855	4.26	292	18	8,674	383	20%	-359	-20
595976	STATES	1-58	0-00	11	18	1.00	1	18.0	9,549	4.78	456	67	9,114	441	20%	+103	+2
595994	CAROM CASTOR INVENTOR	585327	2087775	22	9	1.00	3	5.6	9,483	5.08	482	28	10,360	519	21%	-143	-6
STUO 21-10	STATES	2-11,12	6-67														
595999	MASTERMAN STANDARO AMBASSADOR	575184	1763098	8	20	1.05	7	6.9	8,829	5.29	467	86	9,043	462	35%	-52	0
STUO 21-10	STATES	2-21,74	6-67														
596009	STATES	1-41	0-00	0	5	1.60	1	5.0	6,124	5.39	330	4	5,822	306	16%	+7	+1
596059	STATES	1-73	0-00	8	13	1.00	1	13.0	7,774	4.80	373	64	7,518	389	19%	+32	-4
596110	MARLU MILAOY STYLEMASTER	589136	2092100	7	28	1.00	12	4.1	8,921	4.93	440	16	9,166	476	49%	-82	-18
STUO 23-11	STATES	1-23	6-67														
596143	STATES	3-31,63,65	0-00	17	8	1.00	6	1.7	9,408	4.94	465	37	9,818	484	27%	-71	-4
596164	STATES	1-48	0-00	20	10	1.20	1	10.0	8,736	5.13	448	32	9,451	480	19%	-113	-5
596183	STATES	1-74	0-00	17	6	1.67	1	6.0	5,721	4.84	277	5	6,923	334	17%	-234	-12
596262	STATES	2-33,48	0-00	0	8	1.00	2	5.0	9,225	5.22	482	20	8,229	431	20%	+196	+9
STUO 35-21	STATES	2-33,48	0-00														
596272	STATES	1-33	0-00	0	5	1.00	2	2.6	9,190	5.11	470	14	9,524	511	17%	-36	-6
596307	STATES	1-43	0-00	0	6	1.00	1	6.0	8,205	5.13	421	9	9,267	475	15%	-143	-7
596335	MARILYN-S SON SUPREME	576342	2249547	12	60	1.05	32	3.1	8,308	5.37	446	20	8,826	445	70%	-332	-2
STUO 31-02	STATES	10-31,32,34,56,64	6-67														
596358	STATES	1-56	0-00	43	7	1.00	1	7.0	8,336	5.39	449	75	10,481	563	16%	-301	-16
596394	STATES	1-34	0-00	17	6	1.00	2	4.3	8,062	5.28	426	11	8,787	459	17%	-115	-5
596406	MARLU MILAOY-S PEERLESS	589136	1726368	12	95	1.01	63	2.3	8,472	4.96	420	18	9,028	466	80%	-395	-38
STUO 33-03	STATES	27-13,33,41,42,63	6-67														
596407	MARLU MILESTONE MARK	563805	1914092	9	36	1.06	9	8.0	8,310	4.83	401	43	8,372	402	47%	-30	-4
STUO 72-01	STATES	2-31,72	6-67														
596437	STATES	1-64	0-00	29	7	1.00	1	7.0	7,464	4.49	335	39	8,779	415	16%	-198	-13
596450	STATES	1-21	0-00	40	5	1.00	1	5.0	6,288	4.68	294	17	7,858	401	14%	-220	-15
596470	STATES	1-31	0-00	0	6	1.17	1	6.0	8,773	5.25	461	25	8,564	458	15%	+34	0
596473	STATES	1-82	0-00	0	6	1.00	1	6.0	7,657	5.21	399	9	9,765	512	15%	-289	-15
596476	TORADOR ADVANCER KING	548159	2140350	33	12	1.08	2	10.1	7,559	4.93	373	14	8,654	397	21%	-222	-6
STUO 11-10-61	STATES	1-31	5-67														
596503	IMP. ITASKA-S FILLPAIL OAZZLER	010009042	2555788	7	16	1.00	5	6.0	8,714	5.67	494	18	10,237	531	32%	-421	-10
STUO 09-23-59	STATES	4-14,15,21,23	5-67														

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF BULL	REC / OAU		MILK	AVERAGES %			FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
596504	.....*		0-00	5	1.00	3	2.2	8,702	5.33	464	19	8,924	468	18%	-29	0
	STATES	3-14,22,32															
596519*		0-00	9	12	1.00	1	12.0	8,060	4.50	363	70	8,272	385	19%	-41	-5
	STATES	1-64															
596520*		0-00	17	6	1.17	1	6.0	8,313	5.37	446	26	7,979	409	15%	+45	+4
	STATES	1-31															
596555*		0-00	20	5	1.00	2	3.4	6,638	5.56	369	18	8,874	471	16%	-341	-15
	STATES	2-34,57															
596592 KEEPER-S. ROYAL.....*			5-67	14	7	1.14	1	7.0	8,259	5.22	431	7	8,749	452	16%	-73	-3
C1-27-61	587609	2038686															
	STATES	1-32															
596615 HUTCHINSON FARM WIN.....*			6-67	0	9	1.00	8	1.2	9,266	5.13	475	12	9,609	499	30%	-67	-6
12-01-61	570723	1989133															
STUO 21-10	STATES	4-13,14,16,55															
596667*		0-00	13	8	1.25	1	8.0	7,315	4.84	354	18	7,779	381	18%	-91	-6
	STATES	1-46															
596736*		0-00		5	1.60	1	5.0	8,425	4.84	408	8	8,608	424	16%	-25	-3
	STATES	1-63															
596785 PAN AMERICAN AIM.....*			5-67	0	9	1.00	1	9.0	8,594	5.08	437	128	8,134	420	17%	+74	+2
10-07-61	568645	2017445															
	STATES	1-74															
596786 PAN AMERICAN MIKE.....*			6-67	0	13	1.00	2	11.1	10,177	5.34	543	13	9,425	491	21%	+177	+11
10-07-61	568645	2017445															
	STATES	2-32,41															
596829 B.J.A-S. RECORD TRISTRAM.....			5-67	0	9	1.22	1	9.0	9,833	4.97	489	34	9,712	498	18%	+45	-1
05-18-61	528332	2356168															
	STATES	1-93															
596964*		0-00		6	1.00	2	3.0	7,732	4.90	379	31	8,200	400	19%	-91	-5
	STATES	2-31,74															
596969		0-00	10	10	1.00	2	5.0	8,729	4.94	431	63	9,610	477	24%	-181	-11
	STATES	1-74															
597035		0-00	0	8	1.00	1	8.0	11,519	4.89	563	13	11,355	554	16%	+75	+2
	STATES	1-74															
597056*		0-00	0	5	1.00	2	2.6	8,228	5.49	452	8	8,238	422	17%	-4	+4
	STATES	1-21															
597118*		0-00	60	5	1.00	1	5.0	8,560	5.12	438	22	8,850	454	14%	-33	-2
	STATES	1-35															
597122 BRAMPTON BASILEUS EUREKA.....*			5-67	7	14	1.36	1	14.0	7,658	5.16	395	41	9,132	476	21%	-295	-17
06-03-61	591757	010248713															
	STATES	1-73															
597152*		0-00	14	8	1.00	2	5.0	6,074	4.81	292	19	7,885	385	20%	-374	-20
	STATES	1-64															
597177*		0-00	0	10	1.00	2	8.2	9,125	4.52	412	22	8,040	358	20%	+204	+8
	STATES	1-74															
597228 BEACON BELLE ELODN.....*			5-67	11	9	1.22	2	7.2	7,495	4.95	371	44	8,815	445	20%	-256	-15
07-02-60	554902	2146595															
	STATES	1-34															
597283		0-00	0	7	1.14	1	7.0	10,292	5.31	547	6	10,110	526	16%	+57	+4
	STATES	1-92															
597325*		0-00	0	6	1.00	2	4.3	9,058	5.40	489	13	10,165	531	17%	-156	-6
	STATES	2-15,51															
597409*		0-00	14	7	1.00	3	3.8	4,951	4.73	234	25	5,809	290	20%	-220	-14
	STATES	2-61,63															
597485*		0-00	20	5	1.20	1	5.0	7,926	5.06	401	18	8,088	424	14%	-27	-3
	STATES	1-31															
597527*		0-00	20	5	1.00	1	5.0	8,912	4.97	443	11	9,332	489	14%	-44	-5
	STATES	1-74															
597607 JESTER & NOBLE OBSERVER.....*			5-67	33	10	1.10	4	5.2	6,956	5.13	357	43	7,584	406	24%	-171	-13
03-23-61	542372	2011822															
	STATES	3-21,31,55															
597677		0-00	15	13	1.00	1	13.0	7,019	4.89	343	59	7,576	390	19%	-121	-10
	STATES	1-73															
597706*		0-00	0	9	1.00	2	7.2	8,297	4.74	393	81	7,819	365	19%	+80	+3
	STATES	2-55,74															
597723 WALNUT MILESTONE BOY.....*			5-67	13	8	1.25	1	8.0	9,371	4.80	450	16	7,367	378	18%	+332	+10
03-14-61	579699	2026556															
	STATES	1-42															

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF BULL			NO	REC / OAU			MILK	%	FAT	HERO	MATE	AVERAGES	FAT	OF SIRE SUMMARY	DIFF MILK	FAT
597765	.....*		0-00	71	7	1.00	1	7.0	8,309	5.57	463	19	9,993	550	16%	-237	-12
	STATES	1-52															
597872	.....*		0-00	44	9	1.00	2	5.0	10,269	5.32	546	10	10,191	516	22%	+56	+7
	STATES	1-21															
597904	.....*		0-00	0	5	1.00	2	3.4	12,170	4.70	572	20	10,892	539	16%	+238	+6
	STATES	1-88															
597938	.....*		0-00	25	8	1.00	4	2.2	7,134	5.05	360	21	7,804	373	25%	-184	-5
	STATES	1-55															
598027	.....*		0-00		6	1.00	2	3.3	10,702	5.19	555	51	9,938	493	18%	+168	+1
	STATES	1-91															
598029	JESTERMAIO J. AOVANCER.....*		0-00	0	7	1.29	2	3.5	8,003	4.95	396	11	8,082	417	22%	-23	-5
02-16-61	576049	2009738	6-67														
STU0 65-02	STATES	1-47															
598059	00N HEAO BELLEBOY ORAGON.....*		0-00	29	14	1.00	2	12.1	8,285	5.03	417	12	9,903	507	21%	-308	-18
03-17-61	010125606	010315260	5-67														
	STATES	1-63															
598118	.....*		0-00	20	5	1.00	2	3.4	8,258	5.24	433	48	8,222	418	16%	+3	+1
	STATES	2-61,63															
598187	.....*		0-00	29	8	1.13	3	3.7	7,437	5.14	382	35	9,085	461	23%	-361	-18
	STATES	2-34,58															
598209	.....*		0-00	0	6	1.00	3	2.3	7,427	4.93	366	56	8,702	440	20%	-249	-15
	STATES	1-64															
598212	PRECISION.....*		0-00	0	12	1.00	4	3.5	7,312	5.07	371	47	8,108	426	30%	-250	-18
10-19-61	553149	2294096	5-67														
	STATES	2-35,64															
598290	.....*		0-00	0	6	1.17	5	1.3	6,946	4.98	346	19	8,455	431	23%	-348	-20
	STATES	3-33,35,41															
598308	.....*		0-00	0	6	1.00	1	6.0	9,675	4.87	471	56	9,472	464	15%	+45	+1
	STATES	1-91															
598426	.....*		0-00	8	14	1.00	5	4.8	8,861	4.33	384	26	7,401	356	31%	+420	+4
	STATES	1-55															
598480	.....*		0-00	0	5	1.40	1	5.0	8,343	5.12	427	26	8,093	408	15%	+33	+1
	STATES	1-55															
598505	.....*		0-00	0	6	1.00	1	6.0	7,958	4.57	364	10	8,137	384	15%	-29	-4
	STATES	1-63															
598527	CAMPBURN ROYAL AIM.....*		0-00		10	1.40	2	8.2	10,745	5.15	553	12	9,779	537	22%	+237	+4
10-31-56	010115072	010235209	5-67														
	STATES	2-32,34															
598629	.....		0-00	13	8	1.00	1	8.0	7,491	5.34	400	23	8,340	451	16%	-139	-8
	STATES	1-48															
598703	ETTA TOREAOR COMMANDO.....*		0-00	0	7	1.29	1	7.0	10,275	5.28	543	2	10,487	538	17%	0	+2
07-01-60	579903	2157293	5-67														
	STATES	1-31															
598718	.....*		0-00	0	6	1.00	1	6.0	12,203	4.80	586	68	9,382	465	15%	+429	+17
	STATES	1-91															
599116	.....*		0-00	14	11	1.00	2	9.1	9,275	5.37	498	14	9,481	481	20%	-19	+3
	STATES	2-56,93															
599144	.....*		0-00		5	1.00	1	5.0	8,714	5.49	478	11	10,746	544	14%	-244	-7
	STATES	1-93															
599610	.....*		0-00	25	8	1.00	1	8.0	7,238	4.95	358	53	8,635	460	16%	-224	-16
	STATES	1-84															
599884	.....*		0-00		5	1.00	1	5.0	8,204	5.33	437	6	8,826	443	14%	-78	-1
	STATES	1-32															
600177	.....*		0-00	0	7	1.00	2	3.5	8,431	5.01	422	87	9,154	439	20%	-131	-4
	STATES	1-58															
600845	.....*		0-00		5	1.00	2	3.4	9,488	5.30	503	17	9,032	468	16%	+81	+5
	STATES	1-92															
602151	.....*		0-00	14	9	1.00	1	9.0	10,449	5.20	543	16	8,901	469	17%	+273	+12
	STATES	1-92															
602217	MISTER NECESSITY.....*		0-00	27	11	1.00	1	11.0	8,462	5.21	441	52	9,715	480	18%	-203	-6
05-12-61	556063	1879821	5-67														
	STATES	1-92															
603225	.....*		0-00	0	6	1.00	1	6.0	9,307	5.07	472	9	8,680	463	15%	+96	+1
	STATES	1-81															

171

REGISTRATION					INC %	DAUGHTERS		ND OF HERDS	EFF OAU / HERD	DAUGHTER AVERAGES			ADJUSTED AVERAGES		REPEATABILITY		PRED DIFF	
NUMBER	NAME	DF	SULL	ND		REC / DAU	MILK			%	FAT	HERDMATE ND	MILK	FAT	DF SIRE SUMMARY	MILK	FAT	
60480803-07-60	CARTAGENA ADVANCER STATES	559861	PATRICK20772441-92	5-67	0	14	1.07	1	14.0	11,385	5.16	588	44	10,786	557	20%	+165	+7
605418	0-00	0	13	1.00	1	13.0	7,538	4.84	365	42	7,906	371	19%	-79	-3
605419	0-00	0	8	1.00	1	8.0	7,041	4.83	340	42	7,668	360	16%	-114	-5
605422	0-00	0	7	1.00	1	7.0	7,386	4.79	354	46	7,724	363	16%	-62	-3
605431	0-00	0	10	1.00	1	10.0	7,661	4.67	358	40	7,889	371	18%	-49	-4
607528	0-00	0	6	1.00	1	6.0	10,917	5.23	571	38	9,763	496	15%	+189	+11
01012612504-29-55	BRAMPTON POSING ACME STATES	010121022	0102124747-21,31,58,64,65	5-67	0	18	2.06	8	4.7	6,423	5.11	328	36	7,551	374	42%	-513	-24
13WZ1730	0-00	0	6	1.00	1	6.0	11,273	4.96	559	8	9,707	503	15%	+249	+8
13WZY3991	0-00	0	8	1.00	1	8.0	9,651	5.08	490	8	9,978	507	16%	-27	-2
130004191	0-00	0	5	2.20	1	5.0	6,830	5.01	342	3	7,075	370	17%	-63	-6
210071962	5-67	0	9	1.22	5	2.1	8,462	5.05	427	3	7,788	391	29%	+179	+7
340AC4750	5-67	14	12	1.50	1	12.0	10,888	4.42	481	1	9,951	434	21%	+226	+8
35AGA7050	5-67	0	48	3.58	1	48.0	7,505	5.05	379	41	8,247	391	31%	-236	-6
35MX18985	5-67	0	5	3.60	1	5.0	7,260	4.44	322	1	7,452	361	19%	-55	-9
35DC50651	5-67	0	7	1.57	1	7.0	7,515	4.75	357	2	7,424	366	17%	0	-3
35S865886	5-67	0	12	1.67	1	12.0	5,465	4.48	245	2	6,224	291	21%	-206	-13
35S865887	5-67	0	15	1.53	1	15.0	5,559	4.70	261	2	6,499	329	22%	-242	-17
35SW16689	5-67	0	12	2.33	1	12.0	6,646	5.16	343	12	7,366	376	23%	-191	-10
35WAP2447	5-67	0	55	2.09	1	55.0	9,224	4.85	447	32	8,132	398	28%	+302	+11
35MAX4920	5-67	17	6	1.33	1	6.0	6,037	5.28	319	2	7,562	353	16%	-258	-7
35XYZ1234	5-67	0	7	1.00	1	7.0	7,077	4.58	324	7	7,379	385	16%	-62	-10
35ZE8774	5-67	0	15	2.87	1	15.0	7,188	5.18	372	7	6,981	357	25%	+16	0
41WAO9645	11-65	0	7	2.14	1	7.0	8,380	5.17	433	14	8,505	438	19%	-21	-1
42W8C5820	0-00	0	5	1.00	1	5.0	6,226	4.48	279	35	6,584	323	14%	-73	-7
64WAG5315	5-67	13	9	1.67	1	9.0	7,304	4.72	345	2	7,036	348	20%	+26	-3

REGISTRATION					INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREO DIFF FAT
NUMBER	NAME	DF	BULL	NO		REC / OAU	MILK			AVERAGES %	FAT	HEROMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY		
57594 03-22-42 STUD 35-03	EVANSDALE ADMIRAL.....*	45417	68436	5-67	19	2.32	12	2.3	10,400	3.69	384	5	10,244	397	50%	+6	-10
57985 03-15-42	FRANCIS OF BUTTERCUP.....*	32952	82281	5-67	13	2.69	3	5.7	8,849	3.84	340	3	9,307	371	34%	-236	-13
58688 01-31-43	SUNSHINE BOY OF LEE-S HILL....*	48384	90070	5-67	18	2.72	4	7.8	7,673	4.17	320	3	8,882	351	37%	-556	-15
59794 08-16-42	BUTTERNUT BOY-S CAPTAIN.....*	29778	38153	5-67	17	3.71	2	10.8	10,278	3.86	397	5	10,353	403	34%	-69	-4
59810	.....*			5-67	5	3.60	1	5.0	10,212	3.79	387	5	10,113	369	19%	-10	+1
60040 01-06-43	TOWER FARM MIKE.....*	50815	100237	5-67	7	2.71	2	5.2	9,171	3.66	336	8	7,850	308	22%	+202	+2
63274	.....*			5-67	8	1.38	2	4.2	8,803	3.89	342	6	9,314	375	23%	-174	-9
64545	.....*			0-00	6	3.00	1	6.0	9,966	3.91	390	1	10,312	404	20%	-96	-3
64772	.....*			5-67	7	1.14	1	7.0	10,962	3.53	387	4	9,753	384	16%	+166	0
64946 06-21-43	PRINCE OF BRANT.....*	47209	80137	0-00	7	3.29	1	7.0	9,284	3.58	332	7	10,946	423	20%	-341	-18
66561 12-20-43	MAJOR-S VIRGIL OF HAZEL-MAR...*	53426	79853	0-00	5	3.40	4	1.4	10,805	4.07	440	4	10,040	406	25%	+148	+7
68115	.....*			0-00	5	1.20	1	5.0	9,409	3.69	347	2	10,104	385	14%	-121	-6
71550	.....*			5-67	6	3.33	2	4.3	7,021	4.03	283	5	7,725	318	22%	-240	-10
71600 12-22-44	PEPPER-S PRINCE.....*	63274	98306	5-67	9	3.78	2	7.2	10,434	3.64	380	6	9,923	362	26%	+86	+2
73874 01-22-46	EVANSOALE ROYAL NICK.....*	64132	109678	5-67	6	3.33	1	6.0	9,609	3.89	374	5	10,451	406	20%	-194	-7
75913 12-25-45 STUD 35-03	OARLENE-S COLONEL OF SHARON...*	57699	67801	5-67	48	2.85	27	3.1	11,281	3.87	437	7	11,134	444	72%	+66	-6
76671 09-11-45	NACKERS- COLLEGE ROYAL BOY....*	47090	69505	5-67	16	1.94	3	10.8	10,656	3.85	410	3	11,010	419	29%	-123	-3
76688	.....*			5-67	7	4.57	1	7.0	10,440	4.04	422	5	9,836	384	21%	+88	+6
76903 09-05-45 STUD 35-05	TWO KNOLLS ORBEC A.....*	40112	42761	5-67	10	2.10	9	1.2	9,041	4.09	370	7	9,937	390	38%	-408	-10
78928 03-20-46 STUD 35-03	HYCREST ROYAL RULER - TWIN....*	28594	90059	5-67	37	2.89	21	3.2	9,961	3.98	396	7	10,607	425	66%	-494	-21
79526 11-09-46	FRED W. OF MELROSE.....*	51769	111592	5-67	12	2.25	1	12.0	8,619	3.94	340	2	8,865	342	23%	-122	-3
81836 11-15-46	PANSY-S OUDE JOE.....*	72094	101669	5-67	8	1.13	1	8.0	8,486	3.72	316	1	10,420	396	17%	-349	-14
82602 03-23-47 STUD 35-03	WOODLANO-S BAAGER TRIUMPH.....*	64188	105593	5-67	26	3.35	2	24.0	11,450	3.91	448	7	10,663	409	30%	+203	+10
83655	.....*			5-67	6	1.50	1	6.0	9,873	3.86	381	4	9,127	357	16%	+80	+2
83924 03-13-46	OSTVAL-S MANDY-S TARZAN.....*	38583	94618	5-67	9	3.44	1	9.0	11,217	3.96	444	3	11,048	421	24%	+25	+4
85528 01-24-47	PINKY-S PRINCESS- PRINCE.....*	61380	104547	5-67	11	3.36	2	9.1	11,185	3.67	410	3	9,759	369	27%	+328	+8
87771 12-20-47	MEL-S M. 8.....*	66101	128496	5-67	10	3.60	1	10.0	6,781	3.88	263	4	8,772	331	24%	-547	-19
89751 01-13-48	OSTVAL-S ANN-S TARZAN.....*	39593	115445	5-67	21	3.48	2	12.4	9,814	4.01	394	6	10,115	399	36%	-166	-4
91537 03-16-48	SPRING VALLEY COLONEL WHITE....*	59451	60666	5-67	10	1.90	5	3.2	9,392	4.04	379	3	9,958	395	32%	-233	-7

REGISTRATION					DAUGHTERS		NO OF HERDS	EFF DAU / HERD	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PRED	
NUMBER	NAME	OF	BULL	INC %	NO	REC / OAU			MILK	AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT
92549 11-20-46	LADDIE PEPPER	0	13	4.15	1	13.0	9,658	3.57	345	6	10,428	384	27%	-237	-12		
STATES 1-35																	
93152 02-13-47	JESSIE-S JUMPER	*	9	2.33	1	9.0	10,710	4.17	447	3	11,372	470	21%	-147	-4		
STATES 1-35																	
93197 08-10-48	BROWDALE DAN D.	*	0	10	4.20	2	8.2	10,382	3.83	398	6	10,173	404	27%	+15	-3	
STATES 1-35																	
93576 03-03-48	GOODALE JANET-S ROYAL	*	26	2.50	1	26.0	9,817	3.51	345	4	9,337	360	27%	+66	-6		
STATES 1-35																	
98058 04-09-49	JEWELL-S CONQUEROR DUKE	*	5	2.20	2	2.6	9,304	3.79	353	1	10,729	413	21%	-321	-13		
STATES 1-41																	
99275 07-18-49	LONESOME PINE 8ING HOPE	*	0	11	3.18	1	11.0	9,573	3.67	351	9	10,191	372	25%	-189	-7	
STATES 1-35																	
100314	.....*	5-67	8	2.63	2	6.2	14,658	4.16	610	7	13,518	547	24%	+312	+17	
STATES 2-14,35																	
101329	.....	0-00	7	3.00	1	7.0	8,446	4.08	345	2	9,673	391	21%	-302	-11	
STATES 1-35																	
101470 V. 8.	TEX JANE WIMPI	*	5	61	3.02	24	4.1	12,316	3.74	461	9	11,798	471	75%	+395	-7	
03-03-50	53913	5-67	STUD 35-02 STATES 5-14,21,32,34,35														
102040 R. G. 8.	CAPTAIN-S REX	*	0	6	2.00	2	4.3	9,136	3.94	360	17	9,595	381	20%	-135	-5	
STATES 2-35,92																	
102954 AVON VIEW	LORRAINE-S COLONEL	*	2	187	2.63	85	3.5	12,547	4.08	512	8	11,750	482	90%	+724	+28	
09-06-50	48672	6-67	STUD 61-02 STATES 11-23,31,33,35,51														
103725	.....	0-00	7	4.29	1	7.0	6,869	4.03	277	6	7,543	304	22%	-237	-9	
STATES 1-35																	
105201 ORANGEVILLE	GALLANT-S HARRY	*	10	31	2.45	2	2.0	11,711	4.13	484	9	12,109	489	64%	-226	-1	
01-20-51	58913	5-67	STUD 51-02 STATES 5-31,51,52,57,63														
106196	.....*	5-67	6	3.17	2	4.3	8,334	3.84	320	5	9,465	370	22%	-295	-12	
STATES 2-35,58																	
106283 RUBY-S	SAMSON	*	7	2.43	2	5.2	6,509	4.27	278	4	7,917	332	23%	-401	-14		
STATES 1-35																	
106448 CLAR-MIL	SKYMAN-S JESSE	*	0	20	2.75	1	20.0	9,726	3.77	367	6	10,083	388	26%	-135	-7	
STATES 1-35																	
106747 DELLA-S	C. H. OF SUNSET VIEW	*	10	1.70	6	2.0	11,535	3.94	455	6	11,631	453	33%	-32	0		
STATES 5-21,23,35,57,86																	
106794 COLONEL-S	DEFENOER OF J-A-M	*	5	165	2.87	95	3.4	11,544	4.14	478	9	11,832	483	89%	-243	-3	
07-29-50	48672	6-67	STUD 61-02 STATES 14-23,31,35,42,65														
106905 CHRISTINIA-S	WONDER BOY	*	6	1.50	1	6.0	6,709	3.88	260	11	7,298	277	16%	-168	-5		
STATES 1-35																	
108357	.....*	5-67	13	2.38	3	9.4	8,489	3.80	323	5	9,632	366	27%	-367	-14	
STATES 2-33,35																	
108926 HIGH MEADOW	NICK	*	7	1.43	2	5.2	9,564	3.75	359	4	9,685	378	20%	-63	-5		
STATES 1-35																	
109078 GREENHILLS	ENSIGN	*	0	12	3.33	2	7.5	8,024	3.99	320	3	9,132	360	31%	-415	-15	
STATES 1-35																	
109164 ESTER-S	CRUSADER	*	5	2.00	5	1.0	12,832	3.73	478	10	11,415	433	23%	+320	+9		
STATES 4-48,74,84,86																	
109316	.....*	0-00	6	2.33	1	6.0	10,097	3.54	357	8	11,240	416	19%	-228	-12	
STATES 1-35																	
109349 IRVINDALE HULL-S	COLONEL	*	5	3.40	2	2.6	12,256	4.05	496	1	12,999	502	22%	-131	0		
STATES 1-64																	
109565	.....*	0-00	5	2.20	4	1.4	13,118	4.06	533	13	11,893	480	23%	+289	+12	
STATES 4-48,73,74,84																	
110030 HAPPY OURS	GLENDAS SQUIRE	*	24	2.21	9	5.8	12,849	3.88	498	3	11,880	469	46%	+457	+13		
02-17-51	97603	5-67	STUD 87-01 STATES 3-82,87,92														
111842 V B	REGULATOR EDGO	*	0	5	1.20	2	2.6	9,487	3.91	371	9	9,766	400	18%	-82	-5	
STATES 1-35																	
112091 BUSTER	BEAR	*	0	12	2.08	1	12.0	10,845	4.07	441	8	10,273	413	23%	+99	+5	
STATES 1-35																	

REGISTRATION					INC %	DAUGHTERS		NO OF HERDS	EFF DAU / HERO	DAUGHTER AVERAGES			ADJUSTED HEROMATE AVERAGES		REPEATABILITY OF SIRE SUMMARY		PREO OIFF MILK FAT	
NUMBER	NAME	OF	SULL	NO		REC / DAU	MILK			%	FAT	NO	MILK	FAT	%	MILK	FAT	
113170 01-24-52 STUO 51-01	FOUNTAIN CREEK 72898 STATES	GOVERNOR.....*	5-67	20	2.90	15	1.8	11,307	4.10	464	7	11,185	454	54%	+39	+4		
113925 11-02-52 STUO 35-02	MILLROSE 8ARBETTE-S 93701 STATES	S COUNT.....*	5-67	37	2.62	20	2.7	12,121	3.87	469	10	11,579	461	67%	+355	+4		
115178 10-08-52	ALTA-VILLA BRUTO.....*		5-67	9	1.44	2	4.5	8,923	3.78	337	6	9,335	386	25%	-163	-14		
116177 12-09-52 STUO 35-03	FOUNTAIN CREEK GOLOEN CROSS...*		5-67	11	3.55	9	1.3	11,585	3.98	461	6	11,207	445	43%	+142	+6		
117432 10-14-53	PLEASANT NOOK GARY.....*		5-67	8	2.50	1	8.0	9,647	3.78	365	7	9,209	347	22%	+41	+1		
117784 08-27-53	NARROWS VALLEY JENNIE-S OICK..*		5-67	30	2.47	6	11.0	12,161	3.86	470	11	11,644	464	44%	+226	+2		
118069 01-22-54	JESKE-S JANE-S LAO.....*		5-67	10	1.10	1	10.0	10,743	3.70	398	6	11,507	425	18%	-141	-5		
118195 10-10-52	BRANOT-S PRIOE PIONEER.....*		5-67	15	2.80	2	13.1	9,771	4.01	392	6	10,334	412	28%	-191	-6		
118346 10-31-53	V.B. CARL ROAMER.....*		5-67	9	2.78	2	7.2	11,660	4.09	477	12	12,169	495	25%	-115	-3		
118916*	STATES	4-33,35,42,74	0-00	7	2.14	6	1.2	12,794	3.84	491	11	11,077	448	29%	+487	+12		
120084 10-20-53	GOLDEN TASSEL-S GARY A.....*		5-67	9	3.11	1	9.0	12,086	3.24	392	4	10,154	390	23%	+407	-1		
120200*	STATES	4-32,33,35,74	0-00	5	1.60	5	1.0	12,770	4.08	521	15	12,664	529	23%	+47	0		
120204 09-20-53	SPRING VALLEY OAMON.....*		5-67	13	2.08	2	11.1	9,006	4.27	385	7	9,219	392	25%	-113	-3		
120522*	STATES	1-35	0-00	10	1.80	1	10.0	11,671	3.93	459	6	10,939	438	20%	+130	+3		
120793*	STATES	1-33	0-00	6	1.00	1	6.0	9,937	4.20	417	9	11,707	484	15%	-259	-9		
121050 01-11-54	AMIALE COUNSELOR.....*		5-67	7	1.00	1	7.0	13,447	3.55	477	1	11,444	453	16%	+309	+3		
121176 12-31-53	RUTH-S ZERO.....*		8-62	5	3.00	2	3.4	11,385	4.02	458	13	11,402	474	21%	-9	-2		
121212 01-26-54 STUO 41-04	NORVIC MASTER ECHO.....*		5-67	24	1.67	4	10.5	13,352	3.88	518	7	12,282	481	37%	+421	+14		
122242 10-03-54 STUO 93-05	MISCHKE-S ADVANCER.....*		6-67	24	1.75	10	3.2	13,450	3.94	530	6	12,241	498	53%	+665	+18		
122679 03-26-55	P V WONDER LAO-S CONSTELLATION*		5-67	17	2.53	4	10.2	12,352	3.94	487	8	12,211	486	33%	+63	+1		
122863*	STATES	2-34,35	0-00	5	1.60	2	3.4	8,459	4.09	346	3	8,796	348	18%	-112	-2		
122962 08-01-54 STUO 91-11	FORTUNE-S FOREMOST OF TWIN OAK*		6-67	9	2.34	16	5.2	11,087	4.14	459	11	11,418	462	60%	-213	-2		
123875*	STATES	2-33,64	0-00	5	1.20	2	3.4	11,518	4.03	464	11	12,358	523	16%	-126	-8		
123959 11-27-54	PEGGY-S LYLE OF MELROSE.....*		5-67	20	1.70	1	20.0	9,292	3.99	371	3	9,490	383	24%	-99	-4		
124045 01-16-54	K. MAUREEN-S FROJOY.....*		5-67	10	2.00	4	3.4	13,568	3.88	526	23	12,284	492	31%	+410	+11		
124652 02-11-55 STUO 33-03	WELCOME IN SUPREME.....*		6-67	11	1.25	253	4.2	12,521	4.03	505	12	12,428	502	96%	+159	+5		
124780 04-27-48	MOUNTAIN VALLEY FRISKEY.....*		5-67	12	1.00	1	12.0	8,298	3.76	312	9	9,711	389	19%	-299	-15		
125283 03-04-56 STUO 34-01	HARRIET-S ROYAL APOLLO.....*		6-67	30	2.34	11	9.4	11,358	4.24	482	7	12,475	519	45%	-466	-14		
125472 10-27-55 STUD 35-75	MEADOW VIEW JAREO C.....*		5-67	10	1.22	138	4.5	12,975	3.94	511	10	12,465	496	92%	+538	+15		

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PREOIFF FAT	
NUMBER	NAME	OF BULL	REC / OAU		MILK	%			FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY				
125640 02-04-56 STU0 21-10	WAVENEY-S 91609 STATES	LAOOIE G. 210953 8-13,14,16,21,22	10 6-67	52	2.44	30	2.5	13,688	4.22	578	10	12,297	504	74%	+1077	+57	
126435 12-24-55	PLEASANT NOOK 99590 STATES	NOEL 178220 1-35	5-67	6	2.50	1	6.0	9,943	3.71	369	6	9,455	367	20%	+52	-1	
127315	.....	.....	0-00	5	1.00	1	5.0	10,720	3.56	382	3	11,314	413	14%	-85	-4
127853 09-10-56 STU0 48-01	NORVIC MASTER 106902 STATES	INMAN 175029 3-48,71,73	6-67	78	1.73	22	7.2	10,558	3.99	421	9	10,999	438	71%	-361	-14	
127854 03-03-56 STU0 35-21	NORVIC MASTER 106902 STATES	ELLISON 226593 4-31,33,35,42	6-67	3	2.05	8	23.9	12,174	4.25	518	16	14,213	572	36%	-639	-1	
128061	.....	.....	0-00	7	1.29	1	7.0	17,349	3.86	669	18	14,571	589	17%	+518	+15
128335 08-26-56 STU0 35-21	MEADOW VIEW MASTER 106902 STATES	..... 294823 4-42,45,47,48	6-67	9	2.41	10	11.6	12,957	3.99	517	10	12,491	494	50%	+274	+12
128952	.....	.....	0-00	5	1.60	2	2.6	7,971	4.19	334	8	9,606	379	20%	-358	-10
129090	.....	.....	0-00	5	1.20	1	5.0	13,578	3.87	525	1	13,218	531	14%	+73	0
130124 09-18-57	RUOY-S BUSTER 77775 STATES	KARMIN 205458 1-35	5-67	5	1.80	1	5.0	8,495	3.88	330	6	8,695	347	17%	-82	-4	
130473	.....	.....	0-00	5	3.00	1	5.0	11,573	4.17	483	12	10,955	452	18%	+100	+5
130564 08-15-57	OSTVAL-S NAB08-S 102073 STATES	CRUSADER 220536 3-31,32,35	5-67	14	1.75	6	2.1	13,806	3.91	540	16	13,062	536	39%	+340	+4	
130709 09-27-57 STU0 91-11	HYCREST ROYAL 124122 STATES	JESTER 293389 8-16,31,35,46,47	6-67	0	29	1.45	15	2.5	14,474	3.90	564	11	12,758	523	57%	+1045	+26
130713 05-24-56 STU0 16-04	HIGH MEADOW JESSE-S 53929 STATES	RECENT 281547 2-13,16	5-67	14	2.00	2	12.1	14,878	4.47	665	11	14,208	598	25%	+226	+19	
130717 04-24-56	SYLVA-S OUSTY 96800 STATES	..... 161917 1-23	5-67	8	1.75	1	8.0	11,181	4.08	456	4	11,333	455	20%	-36	0
131096 03-31-57 STU0 31-02	LEE-S HILL REGAL M 90827 STATES 171673 13-22,31,32,43,51	6-67	13	46	1.24	28	3.2	12,589	4.35	548	12	13,367	558	65%	-395	0
131202 04-09-57	SPRING VALLEY 120560 STATES	LUCIUS 178937 1-35	5-67	7	21	2.24	2	19.0	9,268	4.28	397	6	10,011	416	27%	-249	-6
131528 11-22-57 STU0 33-03	NORVIC LARRY-S 118913 STATES	LILASON 139974 10-13,21,31,35,42	6-67	3	43	2.33	14	14.3	13,207	4.16	550	17	13,041	536	49%	+148	+10
131770 04-21-57	CIRCLE W IOELLA-S 99199 STATES	JUOE 211018 1-71	5-67	22	1.50	1	22.0	12,803	4.23	541	12	13,614	533	24%	-146	+3	
131856	.....	.....	0-00	13	1.00	2	11.1	11,198	3.93	440	9	10,109	389	21%	+193	+9
131857 04-01-58	HAWTHORNE ROYAL 78152 STATES	ROAMER 207194 1-74	5-67	0	16	1.00	2	8.5	11,187	3.65	408	19	11,422	435	28%	-71	-8
131963 07-10-57	WELCOME IN FOOTPRINT 124652 STATES	..... 304726 2-31,32	5-67	9	1.56	6	2.3	10,681	4.00	427	12	10,927	438	31%	-97	-4
132349	0-00	13	10	1.20	2	8.2	13,881	4.10	569	15	12,873	530	21%	+231	+9
132562 01-16-58	FULLPAIL OOU8LE 121214 STATES	JAYME 288219 2-33,35	5-67	27	14	1.71	3	10.4	9,007	3.94	355	4	10,223	419	26%	-352	-17
133321 12-18-58	OOU8LE H M ROAMER-S 106557 STATES	PONCHO 243314 1-81	5-67	17	7	1.71	1	7.0	12,690	4.11	521	4	12,645	509	19%	+26	+3
133468	.....	.....	0-00	5	2.00	3	2.2	13,377	4.16	557	7	13,873	554	21%	-58	+2
133515	0-00	0	8	1.13	2	6.2	12,227	4.24	518	21	10,931	445	19%	+233	+13
133643	.....	.....	0-00	6	1.17	4	2.0	12,186	4.22	514	11	13,485	570	22%	-241	-9
133691 04-24-58 STU0 23-11	ACTIVE ACRES 76059 STATES	SUE-S TAMARINO 282739 3-21,22,23	6-67	9	29	1.41	14	4.3	12,059	4.08	492	12	12,202	507	52%	-47	-5

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER		ADJUSTED		REPEATABILITY		PREO	
NUMBER	N A M E	O F	S U L L	INC %	N O	R E C / O A U	H E R O S	O A U / H E R O	M I L K	A V E R A G E S %	F A T	H E R O M A T E N O	M I L K	A V E R A G E S F A T	O F S I R E S U M M A R Y	D I F F M I L K	F A T	
133783 07-08-58 STUO 41-01	OSTVAL-S NABOR-S EL DORA00....*	102073	245475	6-67	28	73	1.38	30	6.6	10,647	4.06	432	8	11,231	453	69%	-434	-15
133813 01-19-59	NORVIC PRINCE PAUL.....*	124788	344712	6-67	0	8	1.25	1	8.0	9,792	3.66	358	7	9,085	336	18%	+78	+1
134071 08-27-58 STUO 35-75	WELCOME IN COUNT.....*	121816	210247	6-67	0	38	2.16	3	20.2	13,733	3.93	540	7	12,679	515	39%	+453	+11
134074	STATES 3-33,34,35			0-00		5	2.00	5	1.0	13,961	3.85	538	9	12,976	513	23%	+259	+7
134139	STATES 1-35			0-00		5	1.20	1	5.0	11,052	4.22	466	17	11,577	478	14%	-76	-
134224 10-29-58	LEE-S HILL GENITOR.....*	128656	317542	5-67	6	19	1.42	6	7.4	9,633	4.09	394	5	10,962	446	35%	-491	-18
134466	STATES 3-33,41,42			0-00		5	1.40	3	2.2	10,365	3.88	402	17	10,372	418	19%	-26	-3
134552 10-04-58	JUDO-S BRIDGE RAINBOW.....*	113594	269394	5-67	0	12	2.08	9	1.6	12,316	3.88	478	6	11,953	484	41%	+160	-1
134592 09-13-58	WILLAOAE O. B. MAYOR.....*	87630	215165	5-67	0	19	1.58	1	19.0	12,024	4.05	487	21	10,476	425	23%	+334	+13
134804	STATES 1-33			0-00		10	1.40	1	10.0	13,709	4.11	563	14	13,402	561	20%	+94	+2
134837	STATES 1-32			0-00		5	1.00	2	3.4	10,414	4.28	446	7	11,172	455	16%	-125	-1
134882 08-23-58	OSTVAL-S PROFESSOR-S PETER.....*	85732	297128	5-67	0	9	1.56	6	2.3	13,543	3.97	538	7	12,213	490	31%	+422	+15
134901 02-28-59 STUO 23-09	NEEOMOR SUPREME T.....*	76059	257934	6-67	22	86	1.43	36	4.3	12,071	4.43	535	10	12,692	526	77%	-397	+11
135021 07-16-59 STUD 51-02	NEEOMOR SOVEREIGN T.....*	76059	270495	6-67	11	21	1.29	16	1.6	11,724	4.19	491	12	12,385	498	51%	-301	-2
135056 11-04-58	SHARON FARM-S OICTATOR.....*	99252	303818	5-67	0	9	1.67	3	5.6	10,343	4.03	417	20	13,171	534	24%	-645	-26
135095 01-29-59 STUD 33-03	WELCOME IN MAGIC.....*	76059	212767	6-67	10	424	1.42	201	3.8	11,768	4.14	487	13	12,177	490	94%	-339	-1
135097 02-14-59 STUD 63-02	WELCOME IN COMET.....*	124652	279223	6-67	0	16	1.44	9	2.3	11,752	4.00	470	7	12,577	497	43%	-317	-10
135098 07-01-59 STUO 31-02	WELCOME IN SUPERIOR.....*	124652	339277	6-67	15	114	1.12	45	5.2	11,747	4.06	477	12	12,367	503	79%	-432	-17
135099 03-27-59 STUO 93-05	WELCOME IN CHATHAM.....*	124652	342752	6-67	4	71	1.85	3	56.6	14,092	3.88	547	71	12,753	511	33%	+470	+13
135101 05-14-59 STUD 63-02	WELCOME IN RIVAL.....*	124652	357367	6-67	0	17	1.12	9	2.2	11,613	3.86	448	10	11,101	417	43%	+194	+11
135307	STATES 1-48			0-00		5	1.00	1	5.0	8,660	3.90	338	5	10,224	425	14%	-232	-12
135413 09-18-58	FULLPAIL MERIOIAN-S JORIS.....*	114863	354172	5-67	0	17	1.41	2	15.1	10,801	4.02	434	13	10,719	419	24%	-3	+2
135479	STATES 1-35			0-00		5	1.80	3	2.2	13,450	3.91	526	27	12,240	465	21%	+262	+12
135487 02-10-59 STUO 35-21	NORVIC PRINCE BEAU.....*	124788	308965	6-67	0	14	1.57	7	3.5	15,154	3.79	575	15	13,860	551	37%	+561	+12
135491 04-25-59	NORVIC PRINCE LOREN.....*	124788	262645	5-67		6	1.83	6	1.0	11,798	4.05	478	8	11,482	476	27%	+79	+1
135571 03-28-59	WELCOME IN FALCON.....*	124652	347847	5-67	37	22	1.23	1	22.0	10,884	3.69	402	28	11,894	450	22%	-220	-10
135681 11-16-58 STUO 87-01	ACTIVE ACRES ACTOR Q T.....*	123156	256220	6-67	20	5	2.20	4	1.4	13,857	3.85	534	6	11,612	462	24%	+535	+17
135701	STATES 4-23,51,82,91			0-00		6	1.33	3	2.3	13,858	3.98	552	16	13,764	572	22%	+66	-1
135831 12-15-58	BENEDALE BONNIE-S BEACON.....*	113707	310898	5-67		11	1.18	1	11.0	10,189	3.81	388	2	9,862	389	19%	+28	-1

[illegible]

REGISTRATION					DAUGHTERS		NO OF		EFF		DAUGHTER			ADJUSTED		REPEATABILITY		PREO	
NUMBER	NAME	OF	BULL	INC	NO	REC / DAU	HERDS	DAU / HERD	MILK	AVERAGES %	FAT	HERDMATE NO	MILK	AVERAGES FAT	OF SIRE SUMMARY	DIFF MILK	FAT		
138511	.....*			0-00	6	1.00	3	2.3	10,645	3.92	417	12	11,508	468	20%	-176	-9	
	STATES	3-46,48,52																	
138518	.....*			0-00	5	1.80	1	5.0	13,464	3.64	490	14	12,456	465	16%	+176	+4	
	STATES	1-21																	
138578	NDRVIC ELLISON FOREMOST.....*	20			11	1.18	1	11.0	11,580	4.16	482	13	12,087	480	19%	-88	0		
08-01-60	127854 214511	5-67																	
	STATES	1-35																	
138624	.....*			0-00	7	1.29	1	7.0	13,869	3.68	510	11	12,498	450	17%	+245	+10	
	STATES	1-93																	
138750	NORVIC LILASON-S BEAUTICIAN....*	6			34	1.06	23	1.8	14,160	3.91	554	14	13,468	550	61%	+528	+		
10-14-60	131528 308965	6-67																	
STUD 21-10	STATES	5-12,13,14,21,31																	
138783	WINDENOAK INVITATION.....*	45			11	1.18	2	9.1	11,701	3.94	461	53	12,357	489	21%	-123	-5		
11-01-60	121816 323646	5-67																	
	STATES	2-13,34																	
138827	.....*			0-00	5	1.00	2	3.4	9,530	3.82	364	45	11,368	417	16%	-291	-8	
	STATES	1-58																	
138941	HYCREST PREFECT.....*	0			9	1.22	2	7.2	10,303	4.11	423	14	9,556	386	20%	+107	+6		
12-15-60	128446 252214	5-67																	
	STATES	1-33																	
139036	LEE-S HILL NOBLEMAN S.....*	13			10	1.20	4	3.0	16,656	4.41	735	13	15,629	683	29%	+414	+21		
11-16-60	107915 174924	6-67																	
STUD 33-03	STATES	1-22																	
139067	.....*			0-00	10	1.10	1	10.0	10,573	4.28	452	11	12,594	470	18%	-350	-2	
	STATES	1-42																	
139068	V.8. RAVEN PROFILE.....*	3			30	1.03	22	1.6	11,302	4.11	464	11	12,118	501	58%	-449	-19		
11-06-60	112216 217677	6-67																	
STUD 61-02	STATES	3-31,33,58																	
139107	.....*			0-00	10	1.20	1	10.0	8,685	3.80	330	7	10,695	406	19%	-391	-14	
	STATES	1-41																	
139126	WELCOME IN BANNER.....*	13			16	1.25	8	2.7	10,705	4.03	431	11	11,837	474	41%	-456	-17		
11-11-60	121816 210247	6-67																	
STUD 35-21	STATES	3-33,35,46																	
139127	.....*			0-00	5	1.00	2	3.4	13,000	4.18	544	16	14,340	593	16%	-167	-5	
	STATES	1-35																	
139132*			0-00	20	6	1.00	1	6.0	14,930	3.86	577	12	14,630	571	15%	+87	+2	
	STATES	1-92																	
139161	SULTAN-S PRINCE PAUL.....*	0			15	1.27	2	10.2	13,017	4.16	541	8	12,863	497	26%	+69	+12		
08-02-60	119405 221540	5-67																	
	STATES	1-48																	
139223	VIEWCREST PARAMOUNT SKYMASTER.*	0			9	1.22	2	5.8	11,297	3.83	433	5	11,349	426	22%	-18	0		
11-14-60	133223 338763	5-67																	
	STATES	1-42																	
139282*			0-00	20	5	1.00	2	3.4	14,276	3.88	554	12	13,882	556	16%	+96	+1	
STUD 35-05	STATES	1-42																	
139283	MEADOW VIEWRHOMASTER.....*	0			7	1.43	3	3.8	12,858	4.29	552	7	13,323	538	22%	-65	+4		
07-06-60	128335 361718	5-67																	
STUD 35-21	STATES	2-42,47																	
139291*			0-00	20	5	1.20	1	5.0	12,902	3.91	504	10	13,295	515	14%	-32	0	
	STATES	1-41																	
139344*			0-00	14	7	1.00	1	7.0	9,909	4.15	411	8	11,883	481	16%	-304	-10	
	STATES	1-41																	
139380	.....*			0-00	6	1.00	4	1.6	10,763	3.93	423	8	13,393	543	22%	-530	-23	
STUD 91-01	STATES	2-91,96																	
139591	LEE-S HILL SOCRATES S.....*	19			40	1.03	19	3.8	12,953	4.08	528	12	12,376	519	59%	+380	+8		
11-08-60	107915 267816	6-67																	
STUD 51-02	STATES	6-31,35,43,51,52																	
139597	LEE-S HILL REGAL SPARTAN.....*	0			7	1.29	3	3.8	12,124	4.27	518	11	11,860	476	21%	+60	+9		
09-08-60	131096 346972	6-67																	
STUD 91-11	STATES	2-35,42																	
139618	NORVIC LILASON-S LONANCE.....*	0			10	1.40	2	8.2	12,462	4.01	500	10	12,964	506	22%	-80	0		
01-01-61	131528 365779	5-67																	
	STATES	1-42																	
139631	.....*			0-00	10	1.10	3	6.6	12,877	4.03	519	9	12,669	497	22%	+67	+5	
	STATES	2-41,43																	
139681	HAWTHORNE RAVEN SKY ROCKET.....*	0			9	1.00	4	3.0	11,518	4.00	461	16	11,874	471	26%	-86	-2		
12-04-60	112216 342586	5-67																	
	STATES	2-48,74																	
139764*			0-00	0	7	1.00	1	7.0	10,900	3.91	426	7	10,014	384	16%	+112	+5	
	STATES	1-42																	
139774	BRAD-LOU KAYAK-S FRISKY.....*	0			18	1.28	1	18.0	12,545	4.06	509	21	12,215	494	22%	+84	+4		
02-11-60	99252 264393	5-67																	
	STATES	1-74																	

179

REGISTRATION				INC %	DAUGHTERS		NO OF HERDS	EFF OAU / HERO	DAUGHTER AVERAGES			ADJUSTED		REPEATABILITY		PROG DIFF MILK	FAT
NUM8ER	N A M E	O F	B U L L		N O	R E C / O A U			M I L K	A V E R A G E S %	F A T	H E R D M A T E N O	A V E R A G E S M I L K	F A T	O F S I R E S U M M A R Y		
139791 02-19-61 STUD 34-01	WELCOME IN CHARTER..... 135095 STATES	OF	BULL 326761 5-31,34,43,58,63	8	13	1.08	12	1.1	11,112	4.12	458	12	11,638	461	40%	-209	-1
139957	..... STATES	OF	BULL 0-00 1-42	17	7	1.14	2	5.2	12,982	3.98	517	7	14,424	551	18%	-214	-4
140021	..... STATES	OF	BULL 0-00 3-35,56,57	0	8	1.00	3	4.7	11,895	4.06	483	16	13,041	530	21%	-206	-8
140023	..... STATES	OF	BULL 0-00 1-92	0	6	1.17	2	4.3	13,634	4.00	545	67	13,532	552	18%	+50	0
140115	..... STATES	OF	BULL 0-00 1-21	14	7	1.00	1	7.0	9,457	3.88	367	6	11,606	453	16%	-336	-1
140167 08-26-60	BOONDOCKS CHARMER BEAUREGARD.. 121816 STATES	OF	BULL 323434 1-57	0	9	1.11	4	4.3	13,445	3.82	513	17	13,380	522	24%	+56	0
140296 04-01-61	OSTVAL-S NAB08-S HARMONY..... 102073 STATES	OF	BULL 317219 2-35,41	30	10	1.10	2	8.2	10,506	4.11	432	7	10,580	444	20%	-36	-2
140306	..... STATES	OF	BULL 0-00 2-33,35	0	7	1.29	2	5.2	12,470	3.54	442	7	11,247	428	19%	+225	+2
140361	..... STATES	OF	BULL 0-00 1-82		8	1.13	1	8.0	12,223	3.62	443	3	13,413	502	17%	-172	-9
140414	..... STATES	OF	BULL 0-00 1-34	0	5	1.00	1	5.0	13,242	4.13	547	12	12,546	521	14%	+106	+4
140496	..... STATES	OF	BULL 0-00 1-35		5	1.00	1	5.0	11,408	3.76	429	2	11,596	453	14%	-26	-3
140572 09-02-60	PLEASANT NOOK HERMAN..... 127139 STATES	OF	BULL 334386 1-41	11	9	1.33	2	7.2	9,239	3.94	364	9	10,292	409	21%	-246	-10
140680	..... STATES	OF	BULL 0-00 2-51,54	20	7	1.00	4	2.1	10,326	4.46	461	11	10,964	464	23%	-163	0
140685	..... STATES	OF	BULL 0-00 1-51	0	6	1.00	2	4.3	12,843	4.52	581	16	12,163	510	17%	+122	+12
140762	..... STATES	OF	BULL 0-00 2-72,74		5	1.20	4	1.4	11,696	3.80	444	16	11,290	425	20%	+74	+3
140810	..... STATES	OF	BULL 0-00 1-51	40	5	1.00	1	5.0	10,172	4.23	430	8	10,264	416	14%	-31	+1
140875	..... STATES	OF	BULL 0-00 1-74	20	5	1.20	1	5.0	11,423	3.64	416	31	10,840	416	14%	+71	0
140993	..... STATES	OF	BULL 0-00 1-71	14	7	1.00	1	7.0	13,063	3.81	498	15	13,379	552	16%	-22	-6
141132 04-17-61	GRABER-S PLEASANT NEO..... 132841 STATES	OF	BULL 342725 1-46	0	8	1.25	2	6.2	10,875	4.17	454	12	10,916	445	20%	-22	+1
141571	..... STATES	OF	BULL 0-00 1-41	0	5	1.00	2	2.6	10,492	4.15	435	8	11,928	469	17%	-236	-5
141580	..... STATES	OF	BULL 0-00 1-52		6	1.00	2	4.3	12,587	4.12	518	22	13,967	562	17%	-193	-5
141707	..... STATES	OF	BULL 0-00 1-41	14	7	1.14	2	5.2	10,032	4.10	411	11	10,534	429	18%	-113	-3
141710	..... STATES	OF	BULL 0-00 1-48	22	9	1.00	1	9.0	14,799	3.85	570	8	13,346	528	17%	+277	+8
141729	..... STATES	OF	BULL 0-00 1-31	0	6	1.00	1	6.0	11,898	4.32	514	34	11,767	497	15%	+20	+3
141750 01-15-62 STUD 35-03	WELCOME IN MIDNIGHT..... 121816 STATES	OF	BULL 325683 4-31,35,42,93	0	8	1.00	5	2.0	13,425	3.93	527	12	14,021	588	26%	-93	-12
141976	..... STATES	OF	BULL 0-00 2-41,47	43	7	1.00	2	5.2	9,757	3.82	373	13	10,990	449	18%	-231	-13
142231	..... STATES	OF	BULL 0-00 1-55		6	1.00	1	6.0	9,310	3.90	363	11	8,890	344	15%	+21	+1
142409	..... STATES	OF	BULL 0-00 2-33,58	0	7	1.14	4	2.1	11,450	4.22	483	12	12,156	482	24%	-157	0
142503	..... STATES	OF	BULL 0-00 1-63	0	7	1.00	1	7.0	11,307	3.71	419	6	10,404	384	16%	+121	+4

MILKING SHORTHORN

181

REGISTRATION				INC %	DAUGHTERS		NO OF HEROS	EFF DAU / HERO	DAUGHTER			ADJUSTED		REPEATABILITY		PREO OFF MILK	FAT	
NUMBER	NAME	OF	BULL		REC / DAU	MILK			AVERAGES %	FAT	HEROMATE NO	AVERAGES MILK	FAT	OF SIRE SUMMARY				
23086 12-11-47	CHIEF MELOOY	2247824 STATES	2271028 1-35	8-62	0	5	1.40	1	5.0	8,841	3.59	317	6	9,311	356	15%	-68	-5
41979 03-31-48	REVELEX OAISS	010355923 STATES	010266871 8-12,33,34,35,74	5-67		13	2.15	10	1.4	7,339	3.83	281	11	8,103	308	44%	-383	-12
54665 04-18-45	COUNT REVERE	2146013 STATES	2065567 3-35,41,42	5-67		10	1.50	3	6.6	7,270	3.87	281	2	7,166	276	24%	-23	0
70728 03-07-50	M. BARRINGTON	20476 STATES	WILOEYES 20 3-35,41,42	5-67	9	16	1.88	6	4.2	7,166	3.71	266	5	7,748	296	40%	-286	-13
127672 12-07-51	BARRINGTON PREMIER	2165380 STATES	8ATES 20 3-35,41,71	5-67	0	15	2.53	10	1.9	10,080	3.55	358	16	9,203	339	47%	+411	+1
128456						5	2.40	4	1.4	9,242	3.98	368	13	10,405	396	23%	-239	-4
148003 10-14-52	THEISCO PRINCE	1994985 STATES	THORNOALE 20 1-35	0-00		5	3.20	1	5.0	8,700	3.67	319	10	9,055	339	18%	-66	-3
148872						5	1.20	1	5.0	8,328	3.69	307	4	8,223	308	14%	+1	0
158335					0	7	2.71	2	3.5	9,281	4.06	377	6	9,203	340	26%	+20	+9
164003 09-03-52	HOMELANE SPECKLE	23978 STATES	S 808 1-35	5-67		12	2.17	1	12.0	8,059	3.72	300	6	8,592	321	23%	-133	-4
176159 11-06-53	BARRINGTON FIRELIGHT	2165380 STATES	18013 1-34	6-67	0	18	4.00	1	18.0	8,682	3.39	294	6	8,439	296	28%	+46	-1
181531 11-10-53	LILYDALE CHAMPION	80394 STATES	DUKE 30 8-12,23,31,35,41	6-67	6	19	1.63	9	3.7	10,213	3.82	390	6	9,231	344	45%	+442	+21
190014 05-29-54	00AN-S ROYAL KNIGHT	22359 STATES	2353343 4-32,34,35,41	6-67	11	22	2.23	8	7.2	9,743	3.72	362	5	10,008	363	43%	-77	0
215779					0	8	1.88	7	1.2	9,488	3.50	332	8	9,735	362	30%	-58	-8
220968					20	10	1.00	1	10.0	9,496	3.43	326	16	9,979	339	18%	-71	-1
224616 12-31-55	QUALLYN NOBLE CHIEF	130592 STATES	48694 2-35,41	5-67	11	18	2.56	2	14.4	9,928	3.55	352	8	9,378	342	29%	+167	+3
225620 12-04-55	SALONA SEARCHLIGHT	12038 STATES	6TH 6TH 4-23,31,33,42	6-67	17	6	1.83	4	1.6	7,583	3.82	290	6	8,430	326	25%	-225	-8
226765 01-17-56	JUPITERS PALERMO PRIOE	178412 STATES	2098230 2-35,41	5-67	17	34	2.47	3	20.2	9,229	3.92	362	5	9,234	342	37%	0	+7
232133 08-26-56	LILYDALE OAGNEY ROBIN	5656 STATES	20 5-43,47,48,71,73	5-67	6	21	2.14	8	4.6	10,979	3.63	399	19	10,161	374	46%	+421	+13
240230 04-15-57	DARLINGTON SUNBEAM KING	190014 STATES	150491 3-32,34,42	6-67	22	11	1.82	6	2.4	9,812	3.74	367	12	10,011	374	36%	-41	0
242048 04-12-57	SILVER GIFT-S SUCCESSOR	130801 STATES	130803 1-33	5-67	0	16	1.31	3	6.1	10,064	3.80	382	3	9,424	352	34%	+222	+10
247628 07-14-57	THREE SPRINGS ARTHUR	208220 STATES	11354 2-23,32	6-67	6	28	2.25	2	26.0	9,763	3.68	359	14	10,380	387	28%	-137	-6
248571						6	1.17	1	6.0	6,541	3.88	254	3	7,334	279	15%	-150	-4
253683 10-25-56	ROBIN-S CINQY LOCHINVAR	132852 STATES	183573 3-42,47,63	6-67	15	37	1.81	5	19.7	10,128	3.68	373	11	9,581	352	37%	+217	+8
253692 05-22-58	MYSTERY WINSOME PRINCE	243616 STATES	218021 1-11	5-67	20	11	1.18	1	11.0	8,317	3.63	302	13	8,808	328	19%	-99	-4
253933						5	3.00	2	3.4	11,490	3.50	402	18	11,587	407	21%	+30	0
253975 12-21-57	60 QUALLYN LOU-S MASTER	32190 STATES	2144588 3-47,73,84	5-67	8	14	1.71	3	9.0	11,303	3.61	408	17	10,679	376	28%	+214	+10
255156 03-20-58	LILYDALE MARTA-S REOCOAT	156327 STATES	8802 2-43,47	5-67	10	21	1.48	4	9.4	10,723	3.73	400	24	10,318	387	35%	+182	+6
256381						6	1.50	2	3.3	8,134	3.82	311	7	9,854	376	20%	-335	-12

183

[illegible]

APPENDIX

TABLE 1.--Grouping of States used in regional breed-year-season averages ^{1/}

REGION NUMBER	STATES
<u>GUERNSEY AND JERSEY</u>	
1	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania
2	Indiana, Illinois, Ohio, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas
3	Delaware, Maryland, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma, and Texas
4	Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii
<u>HOLSTEIN</u>	
1	Maine, New Hampshire, Vermont, Massachusetts, and Rhode Island
2	Connecticut and New York
3	New Jersey and Pennsylvania
4	Indiana and Illinois
5	Ohio and Michigan
6	Wisconsin
7	Minnesota
8	Iowa and Missouri
9	North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas
10	Delaware, Maryland, and Virginia
11	Kentucky, Tennessee, North Carolina, and West Virginia
12	South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas
13	Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, Alaska, and Hawaii
14	California
<u>AYRSHIRE AND BROWN SWISS</u>	
1	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Idaho, Wyoming, Montana, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii
2	Indiana, Illinois, Ohio, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas
3	Delaware, Maryland, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma, and Texas

^{1/} Nationwide averages were used for the Milking Shorthorn, Red Dane, and Red Poll breeds because of the limited number of observations available.

TABLE 2.--Location, code number, and name of artificial breeding organizations in the United States

LOCATION			AI ORGANIZATION	LOCATION			AI ORGANIZATION
STATE	STATE CODE	AI STUD CODE	NAME AND ADDRESS	STATE	STATE CODE	AI STUD CODE	NAME AND ADDRESS
MAINE	11	01	Maine Breeding Cooperative, Inc.	VIRGINIA	52	01	*Virginia Animal Breeders Association, Inc., Rt. 4, P.O. Box 391, Rocky Mount 24151
NEW HAMPSHIRE	12	03	New Hampshire-Vermont Breeding Assn.				
CONNECTICUT	16	04	New England Selective Breeding Association, Inc.	NORTH CAROLINA	55	01	*N.C. Institutional Breeding Association, Dept. Animal Science, N.C. State University, Raleigh 27600
NEW YORK	21	01	New York ABC, Inc.				
NEW YORK	21	10	*Eastern Artificial Insemination Co-op., Inc., P.O. Box 518, Ithaca 14850	SOUTH CAROLINA	56	02	Chester Co-op. ABA
NEW JERSEY	22	01	Sussex Co-op. Breeding Association, Inc.	KENTUCKY	61	01	Kentucky Artificial Breeding Association
NEW JERSEY	22	03	New Jersey Cooperative Breeders Association, Inc.	KENTUCKY	61	02	*Select Sires, Inc., 1224 Alton-Darby Road, Columbus, Ohio 43228
PENNSYLVANIA	23	01	*Zimmerman Dairy Farm, Rt. 2, Lehighton 18235	TENNESSEE	63	01	*East Tennessee ABA, Rt. 10, Tipton Station Road, Knoxville 37920
PENNSYLVANIA	23	02	First Pennsylvania Artificial Breeding Cooperative	TENNESSEE	63	02	*Tennessee Artificial Breeding Association, Rt. 2, Granny White Pike, Brentwood 37027
PENNSYLVANIA	23	04	NEPA Artificial Breeding Cooperative	TENNESSEE	63	03	*West Tennessee Artificial Breeding Association, Box 38, Yorkville 38389
PENNSYLVANIA	23	05	Western Pennsylvania ABC				
PENNSYLVANIA	23	07	Lehigh Valley Co-op. Farmers				
PENNSYLVANIA	23	08	Southeastern Pennsylvania ABC				
PENNSYLVANIA	23	09	*Atlantic Breeders Co-op., Rt. 230 By-pass, P.O. Box 254, Lancaster 17604	MISSISSIPPI	65	02	*Miss. Animal Breeders Co-op., Drawer BA, State College 39762
PENNSYLVANIA	23	11	*Northeastern Breeders Association, Inc., R.D. 2, Tunkhannock 18657	LOUISIANA	72	01	*Louisiana Animal Breeders Co-op., Inc., Box B.D., LSU, Baton Rouge 70803
OHIO	31	01	Central Ohio Breeding Association	TEXAS	74	01	Texas A & M Dairy Breeding Center
OHIO	31	02	*NOBA, Inc., Rt. 4, P.O. Box 607, Tiffin 44883	COLORADO	84	01	Colorado State University ABS
INDIANA	32	02	John A. Newman & Sons	ARIZONA	86	02	EADS Cattle Breeding Service
ILLINOIS	33	01	Northern Illinois Breeding Co-op.	UTAH	87	01	*Cache Valley Breeding Association, 1950 North Main, Logan 84321
ILLINOIS	33	02	Southern Illinois Breeding Association				
ILLINOIS	33	03	*Curtiss Breeding Service, Inc., Cary 60013	WASHINGTON	91	01	Evergreen Northwest Breeders, Inc.
MICHIGAN	34	01	*Michigan Animal Breeders Co-op., Inc., P.O. Box 511, East Lansing 48824	WASHINGTON	91	10	W. De Jongs Supreme Bull Service
				WASHINGTON	91	11	*Carpation Farms Breeding Service Washington Unit, Carnation, Washington 98014
WISCONSIN	35	01	Associated Breeding Service				
WISCONSIN	35	02	Badger Breeders Cooperative				
WISCONSIN	35	03	*East Central Breeders Association Co-op., 314 Beaver Dam St., P.O. Box 191, Waupun 53963				
WISCONSIN	35	04	Piper Brothers Farms, Inc.				
WISCONSIN	35	05	*Tri-State Breeders Co-op., Westby 54667	WASHINGTON	91	13	*All West Breeders, Box 197, Burlington 98233
WISCONSIN	35	06	Southern Wisconsin Co-op. ABA				
WISCONSIN	35	21	*Midwest Breeders Co-op., P.O. Box 469, Shawano 54166	OREGON	92	01	Oregon Breeders Association
WISCONSIN	35	75	*American Breeders Service, Inc., De Forest 53532	CALIFORNIA	93	01	California Dairy Breeders, Inc.
				CALIFORNIA	93	02	*Adohr Farms Inseminating Service, Rt. 1, P.O. Box 18, Camarillo 93010
MINNESOTA	41	01	*Minnesota Valley Breeders Association, New Prague 56071	CALIFORNIA	93	03	*Excelsior Breeding Service, 7401 Adams, Rt. 1, Box 128, Corona 91720
MINNESOTA	41	04	Consolidated Breeders Co-op.	CALIFORNIA	93	05	*Jessup Breeders, 5471 San Fernando Road W., Glendale 91203
MINNESOTA	41	25	Midwest Genes, Inc.	CALIFORNIA	93	10	*Pacific Breeders Co-op., Inc., 1464 Middle Two Rock Road, Petaluma 94952
IOWA	42	02	Eastern Iowa Breeders	CALIFORNIA	93	15	*Diamond J Breeders, 9315 Dusty Lane, Modesto 95350
IOWA	42	08	Iowa Breeders Co-op.				
MISSOURI	43	02	M. F. A. ABA				
NEBRASKA	47	01	Nebraska Dairy Breeders	PUERTO RICO	94	01	*Puerto Rico Artificial Breeding Association, P.O. Box 958, Dorado 00646
KANSAS	48	01	*Kansas ABS Unit, Anderson Hall, Kansas State University, Manhattan 66504	HAWAII	95	03	Haleakala Ranch Dairy Farm
MARYLAND	51	02	*Maryland-West Virginia Bull Stud, Inc., P.O. Box 555, Frederick 21701	ALASKA	96	01	*Matanuska Valley Breeders Association, Palmer 99645

*Indicates those AI organizations reported as active.

TABLE 3.--State codes used in DHIA

11	Maine	55	North Carolina
12	New Hampshire	56	South Carolina
13	Vermont	57	Georgia
14	Massachusetts	58	Florida
15	Rhode Island	61	Kentucky
16	Connecticut	63	Tennessee
21	New York	64	Alabama
22	New Jersey	65	Mississippi
23	Pennsylvania	71	Arkansas
31	Ohio	72	Louisiana
32	Indiana	73	Oklahoma
33	Illinois	74	Texas
34	Michigan	81	Montana
35	Wisconsin	82	Idaho
41	Minnesota	83	Wyoming
42	Iowa	84	Colorado
43	Missouri	85	New Mexico
45	North Dakota	86	Arizona
46	South Dakota	87	Utah
47	Nebraska	88	Nevada
48	Kansas	91	Washington
50	Delaware	92	Oregon
51	Maryland	93	California
52	Virginia	94	Puerto Rico
54	West Virginia	95	Hawaii
		96	Alaska





